FIG. 1

FIG. 1A	FIG. 1B

FIG. 1A

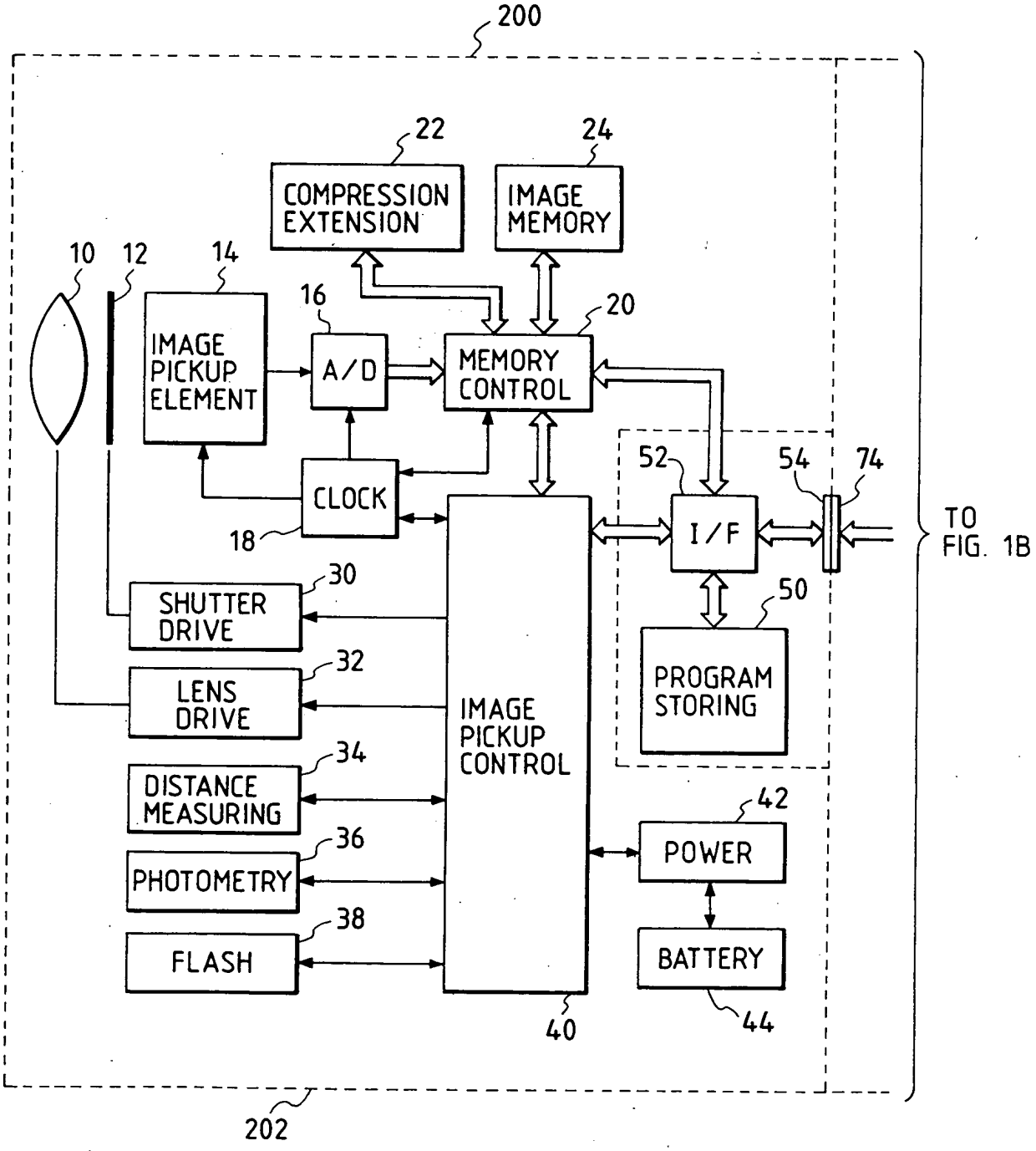


FIG. 1B

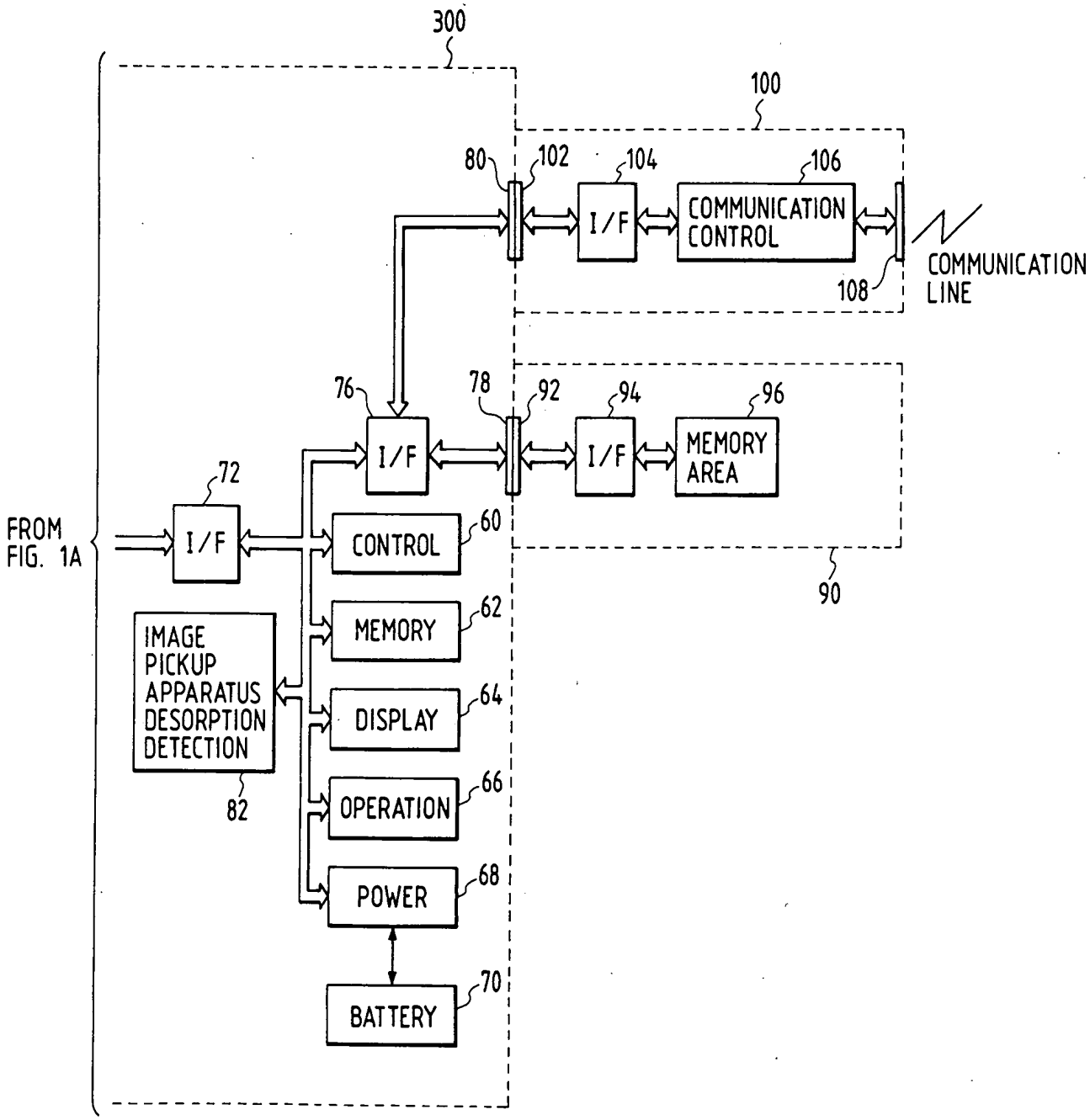

300
100
80
102
104
106
I/F
COMMUNICATION CONTROL
108
COMMUNICATION LINE
76
78
92
94
96
I/F
I/F
MEMORY AREA
72
FROM FIG. 1A
I/F
CONTROL
60
90
MEMORY
62
IMAGE PICKUP APPARATUS DESORPTION DETECTION
DISPLAY
64
82
OPERATION
66
POWER
68
BATTERY
70

FIG. 2

FIG. 2A
FIG. 2B

FIG. 2A

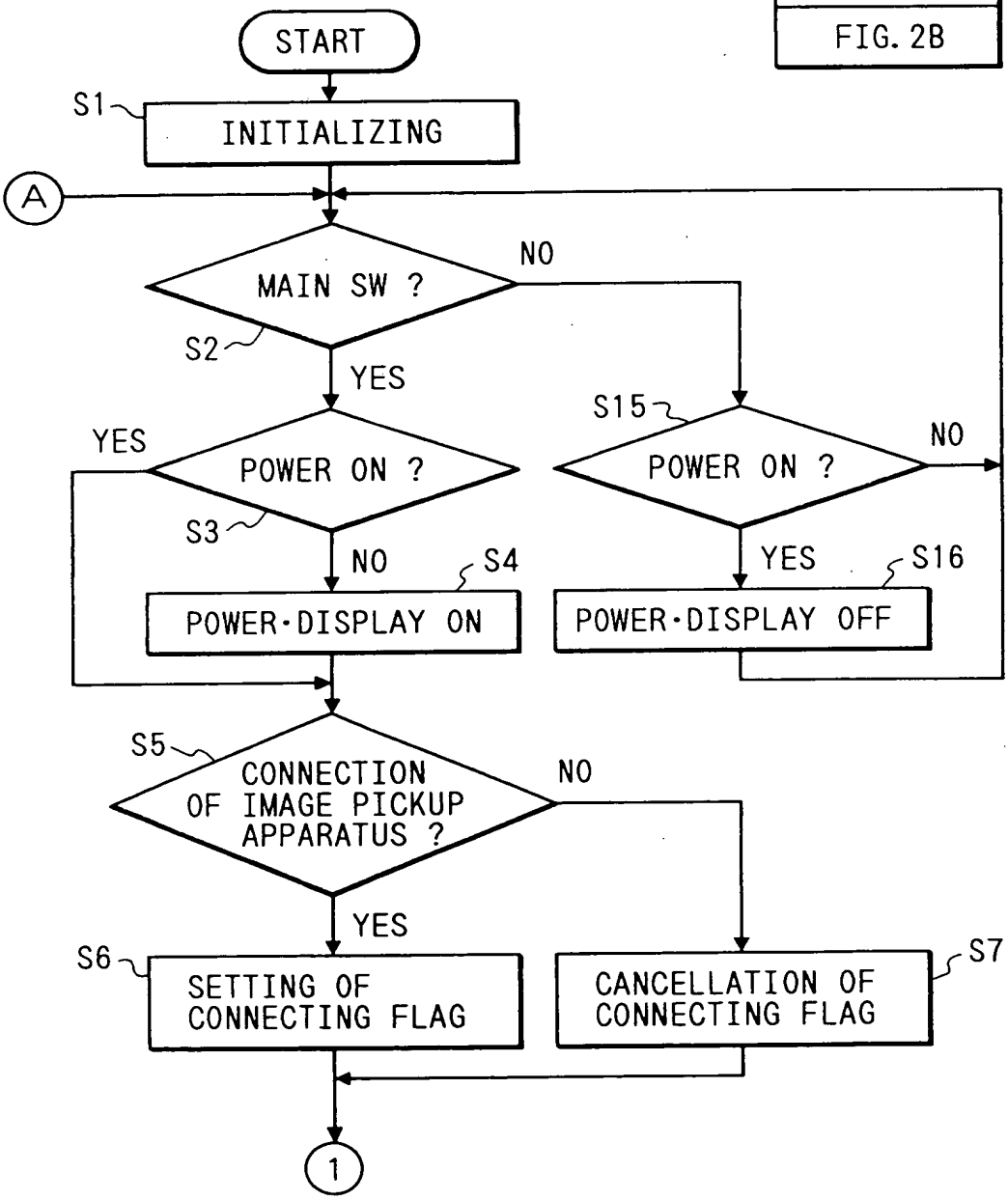


FIG. 2B

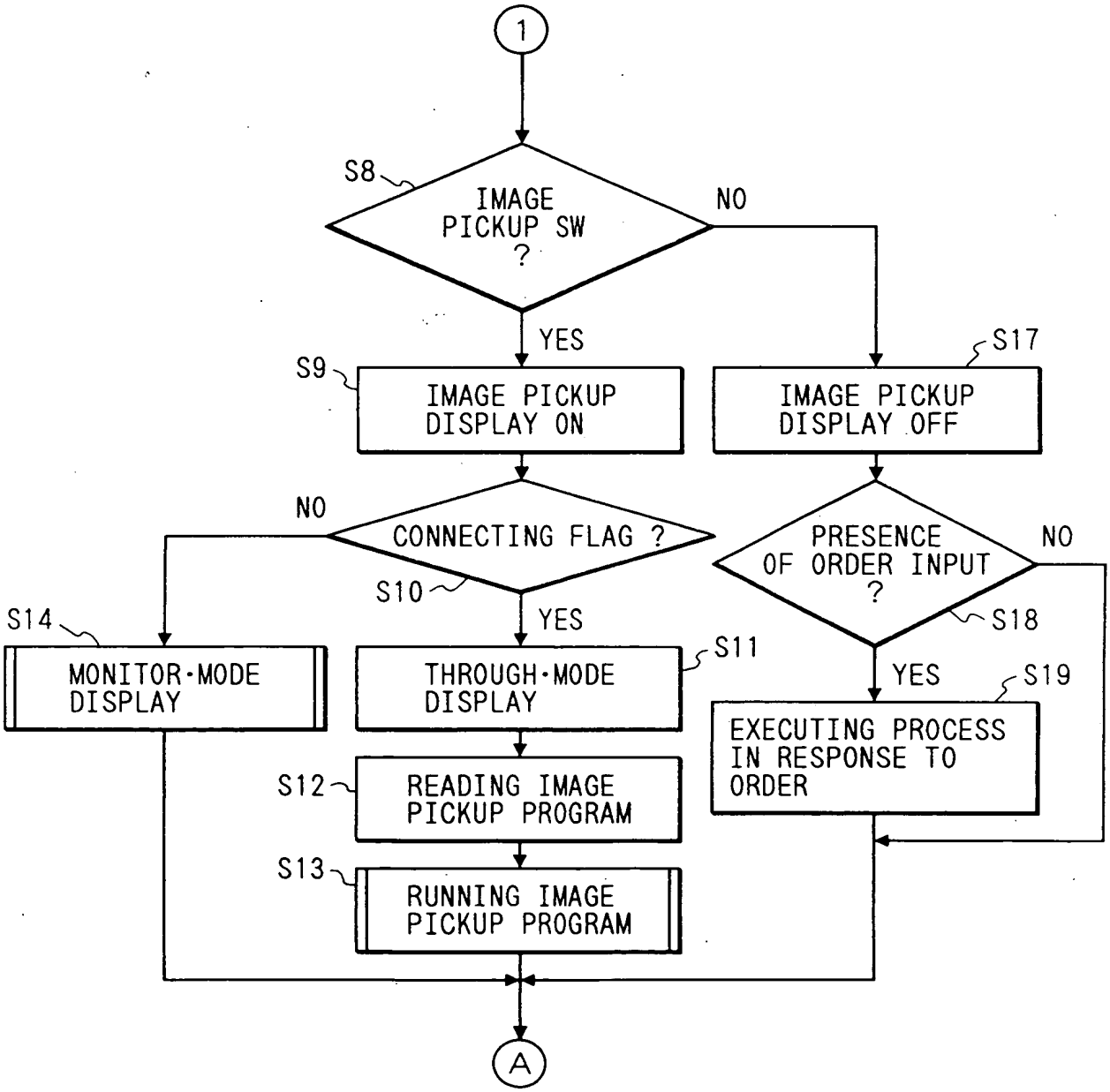

1
S8
IMAGE PICKUP SW ?
NO
YES
S9
IMAGE PICKUP DISPLAY ON
S17
IMAGE PICKUP DISPLAY OFF
NO
CONNECTING FLAG ?
S10
YES
PRESENCE OF ORDER INPUT ?
NO
S18
YES
S14
MONITOR·MODE DISPLAY
THROUGH·MODE DISPLAY
S11
S19
EXECUTING PROCESS IN RESPONSE TO ORDER
S12
READING IMAGE PICKUP PROGRAM
S13
RUNNING IMAGE PICKUP PROGRAM
A

FIG. 3

FIG. 3A
FIG. 3B

FIG. 3A

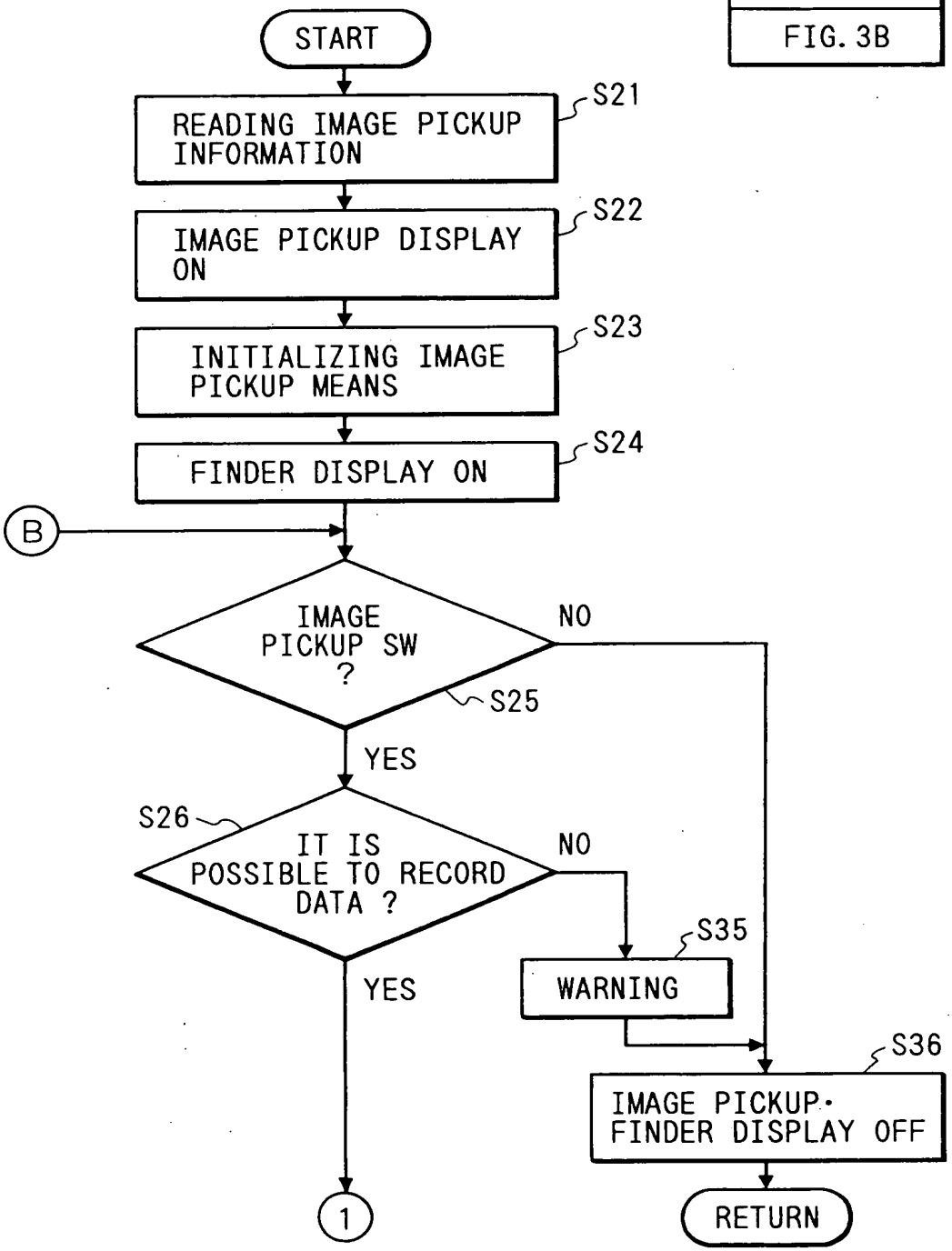


FIG. 3B

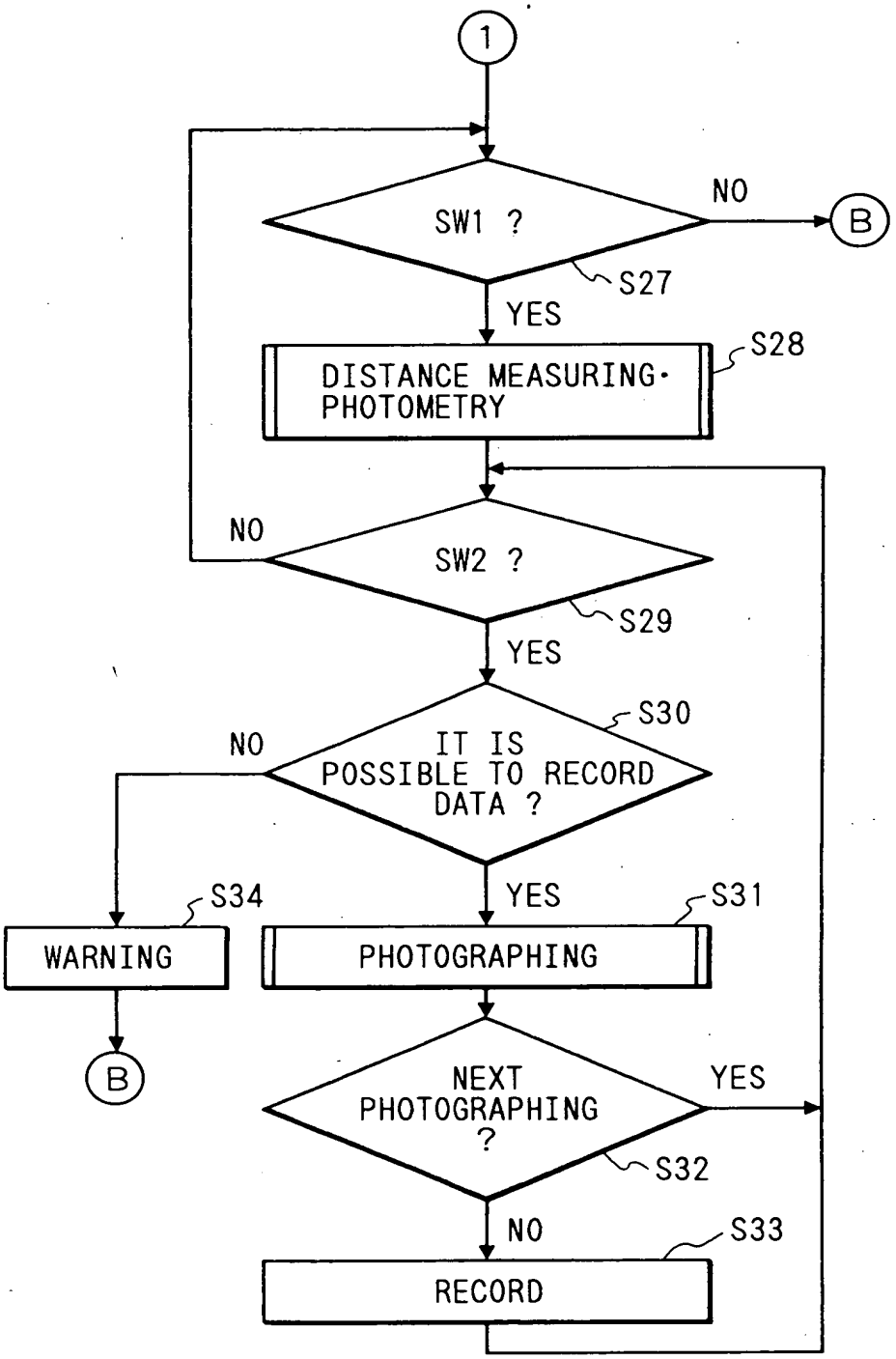

1
SW1 ?
NO
B
S27
YES
DISTANCE MEASURING·
PHOTOMETRY
S28
NO
SW2 ?
S29
YES
S30
NO
IT IS
POSSIBLE TO RECORD
DATA ?
YES
S34
S31
WARNING
PHOTOGRAPHING
B
NEXT
PHOTOGRAPHING
?
YES
S32
NO
S33
RECORD

FIG. 4

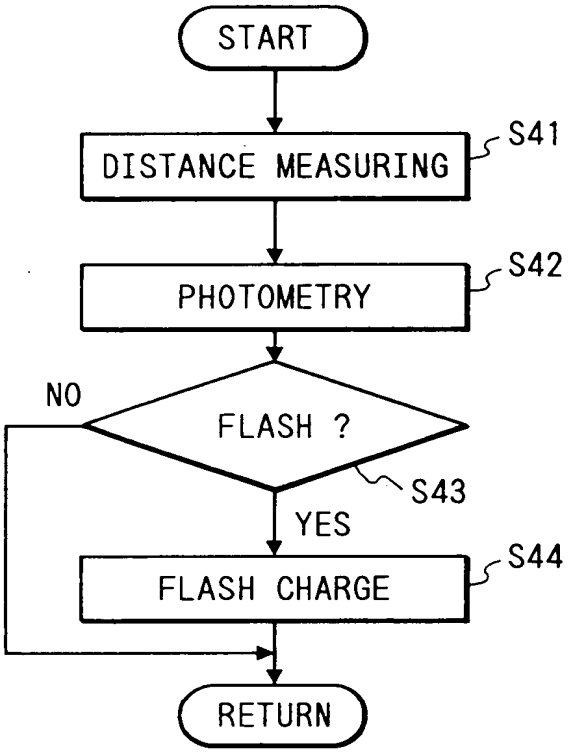

START
DISTANCE MEASURING
S41
PHOTOMETRY
S42
NO
FLASH ?
S43
YES
FLASH CHARGE
S44
RETURN

FIG. 5

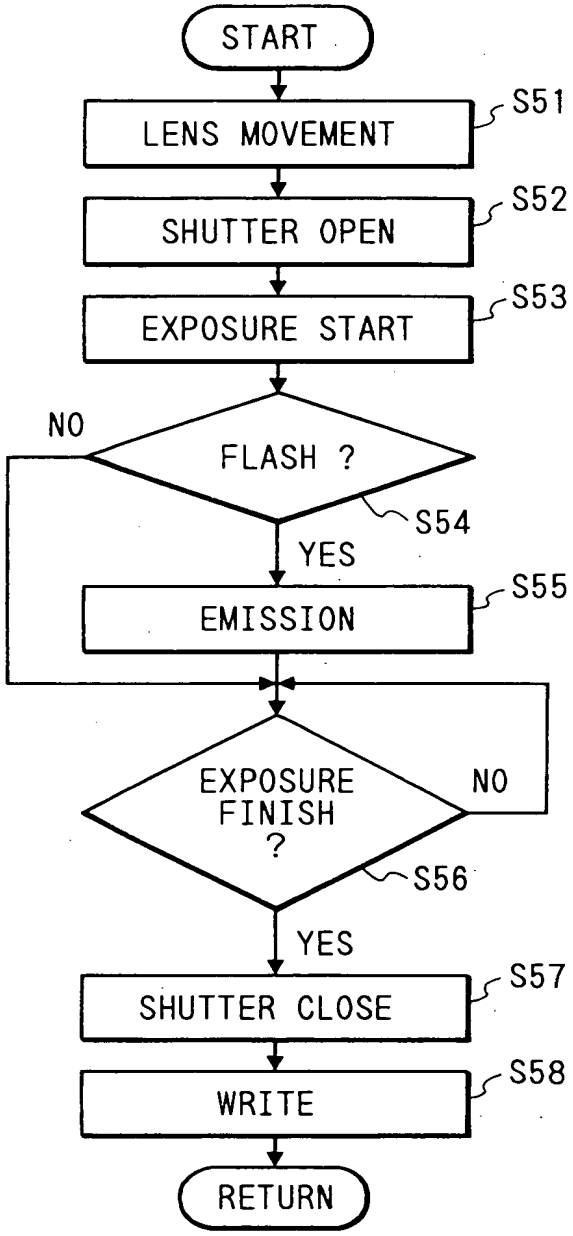

START
LENS MOVEMENT
S51
SHUTTER OPEN
S52
EXPOSURE START
S53
NO
FLASH ?
S54
YES
EMISSION
S55
EXPOSURE FINISH ?
NO
S56
YES
SHUTTER CLOSE
S57
WRITE
S58
RETURN

FIG. 6

FIG. 6A	FIG. 6B

FIG. 6A

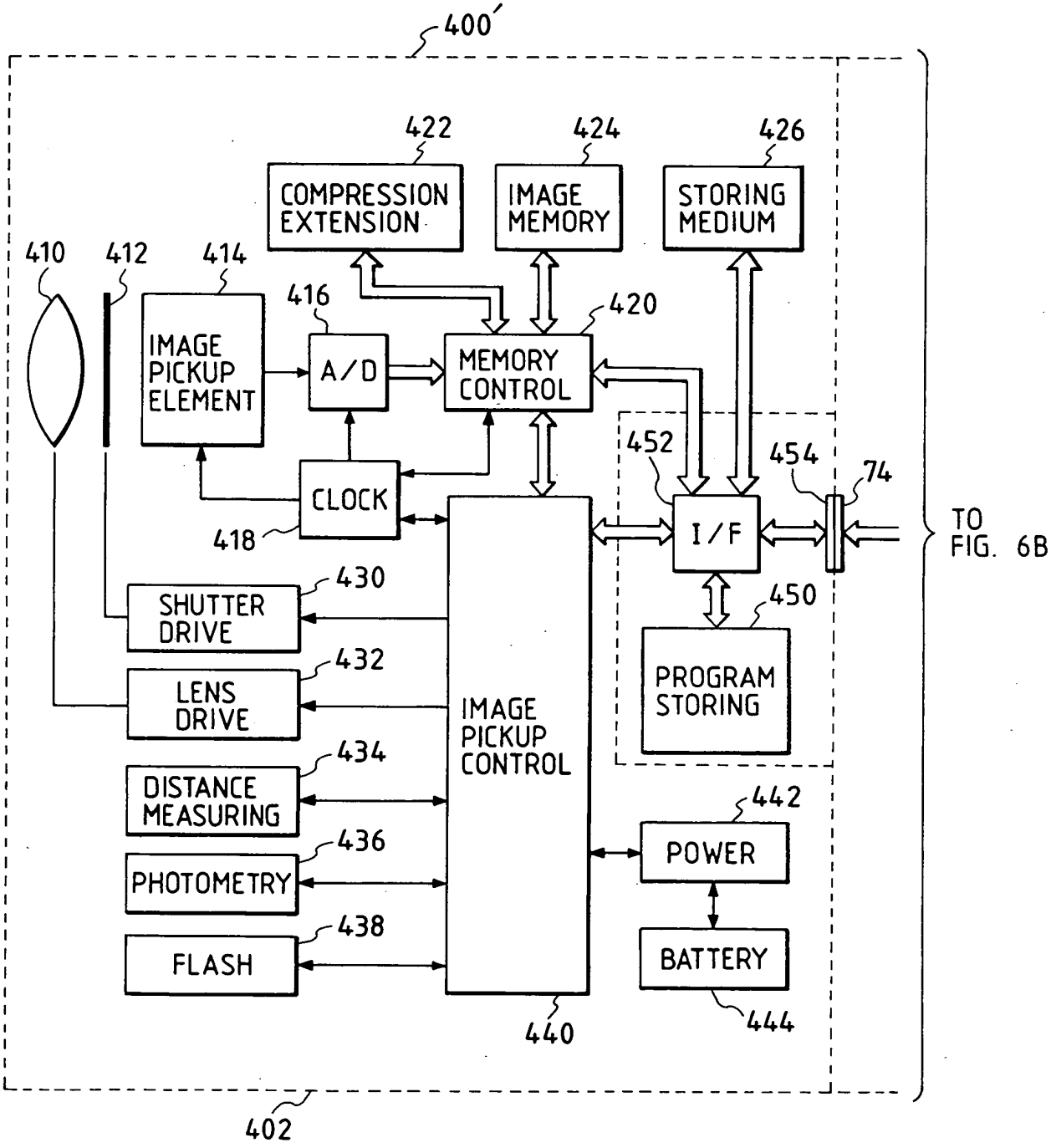


FIG. 6B

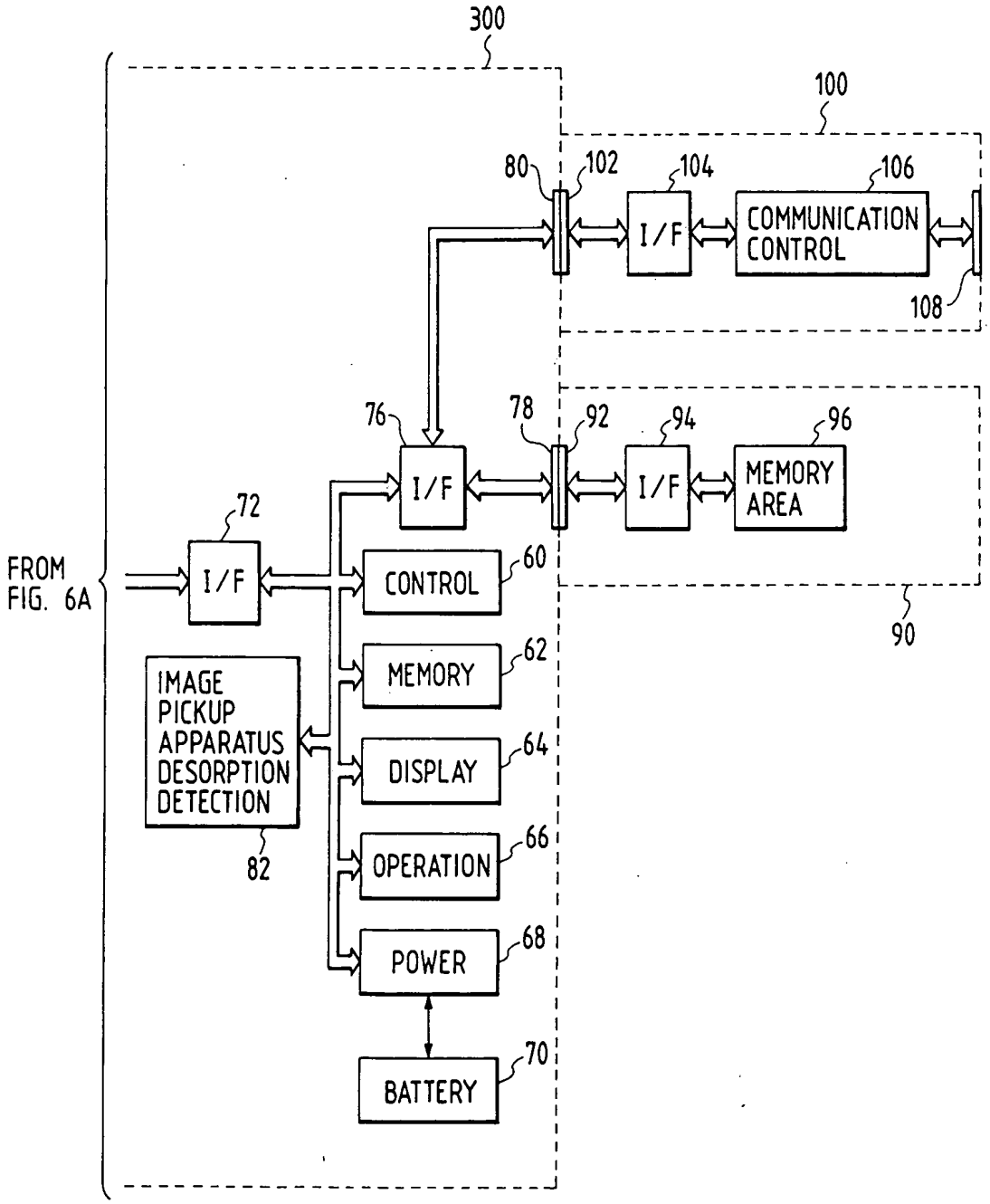

300
100
80
102
104
106
I/F
COMMUNICATION CONTROL
108
76
78
92
94
96
I/F
I/F
MEMORY AREA
72
FROM FIG. 6A
I/F
CONTROL
60
90
MEMORY
62
IMAGE PICKUP APPARATUS DESORPTION DETECTION
82
DISPLAY
64
OPERATION
66
POWER
68
BATTERY
70

FIG. 7

FIG. 7A
FIG. 7B

FIG. 7A

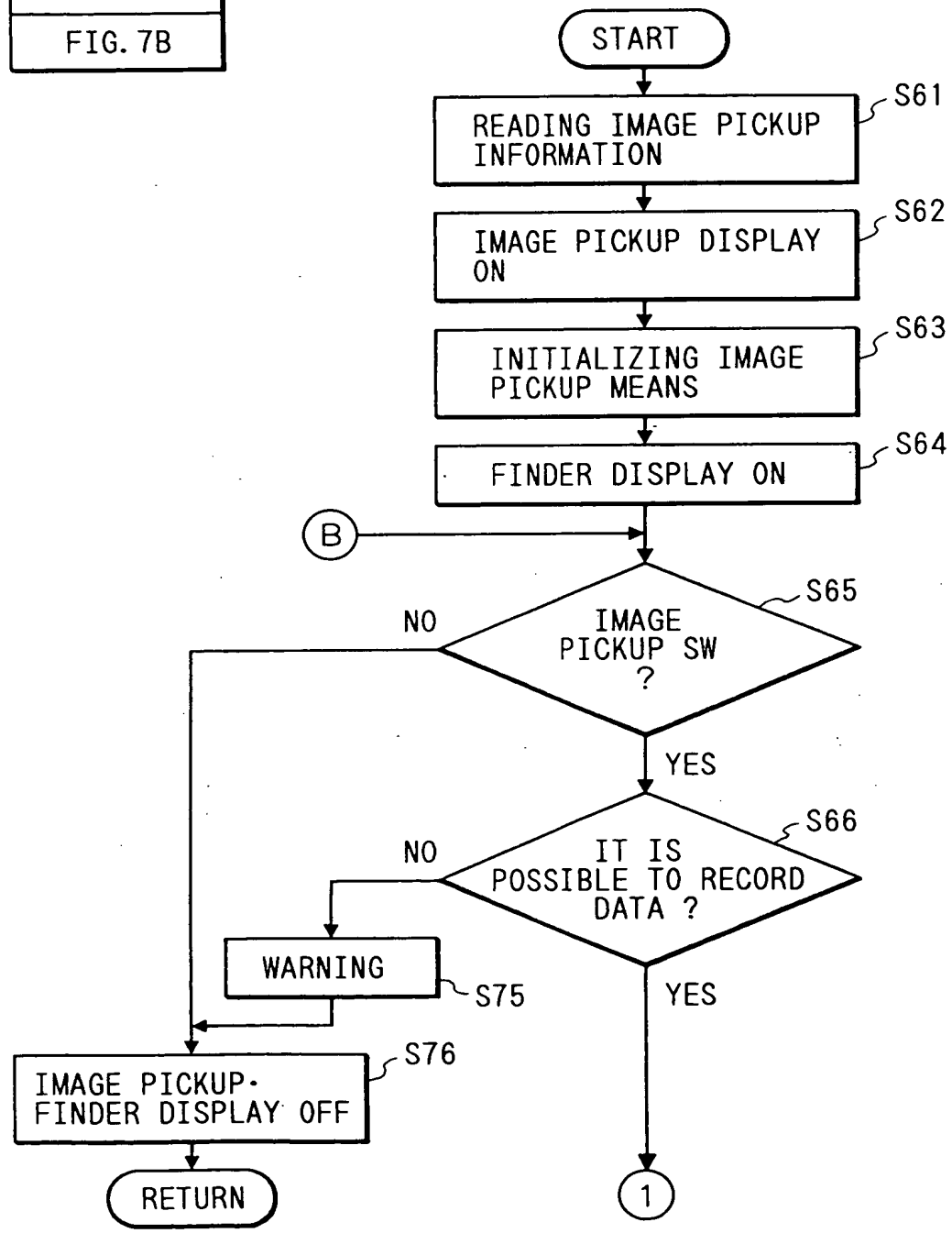


FIG. 7B

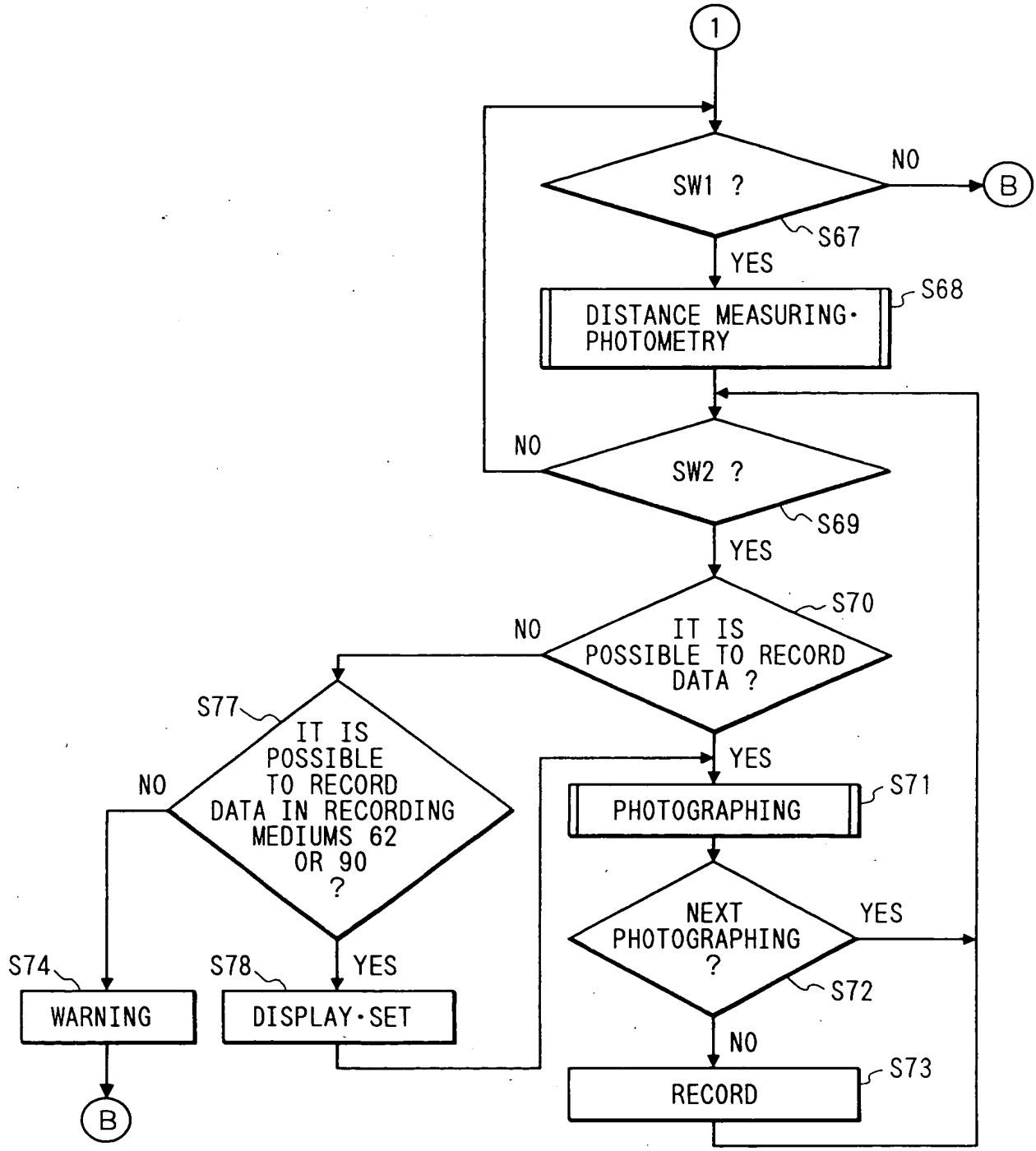

1
SW1 ?
NO
B
S67
YES
DISTANCE MEASURING·PHOTOMETRY
S68
NO
SW2 ?
S69
YES
S70
NO
IT IS POSSIBLE TO RECORD DATA ?
S77
IT IS POSSIBLE TO RECORD DATA IN RECORDING MEDIUMS 62 OR 90 ?
NO
YES
S74
S78
YES
WARNING
DISPLAY·SET
B
YES
PHOTOGRAPHING
S71
NEXT PHOTOGRAPHING ?
YES
S72
NO
RECORD
S73

FIG. 8

FIG. 8A	FIG. 8B

FIG. 8A

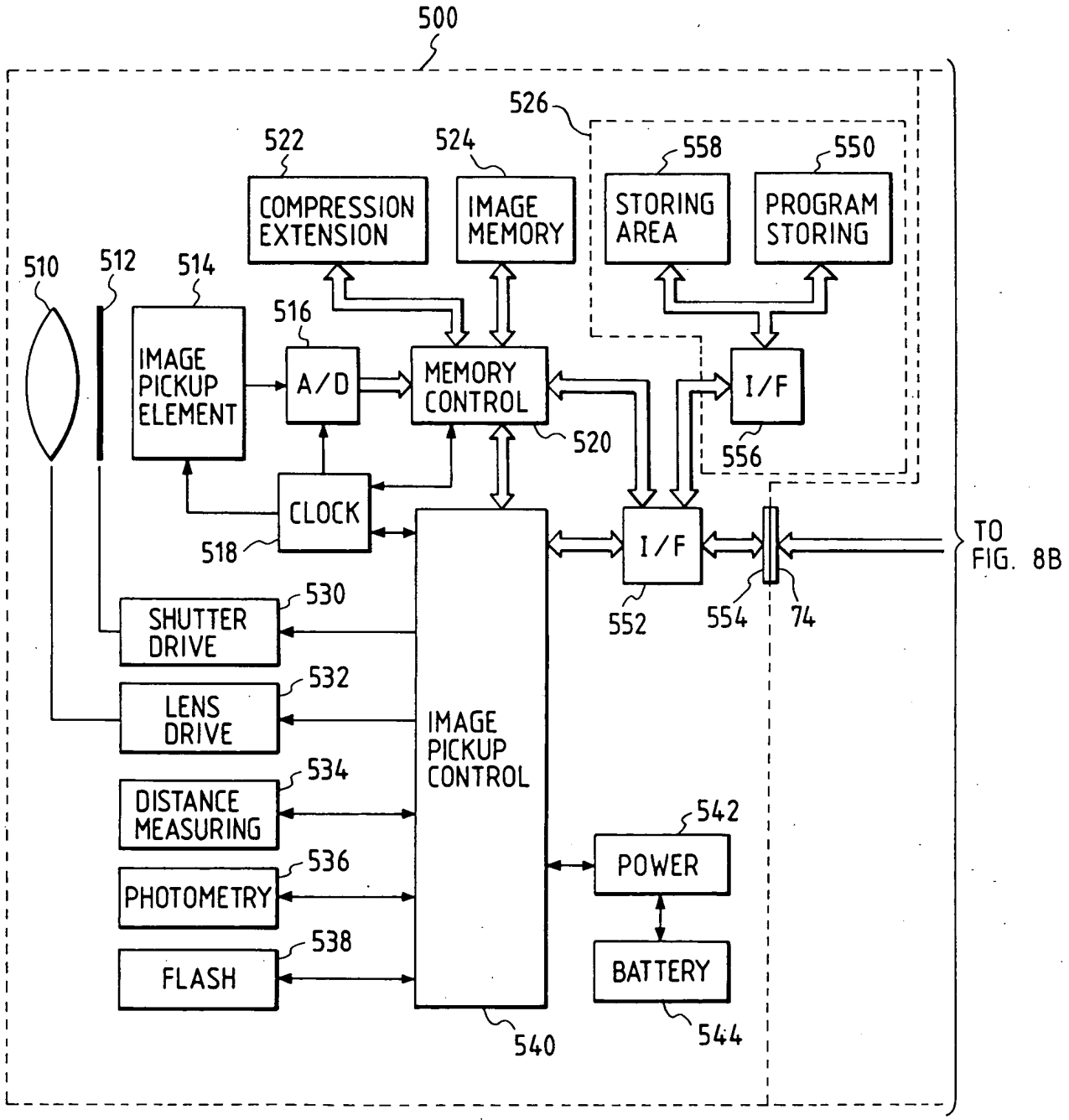


FIG. 8B

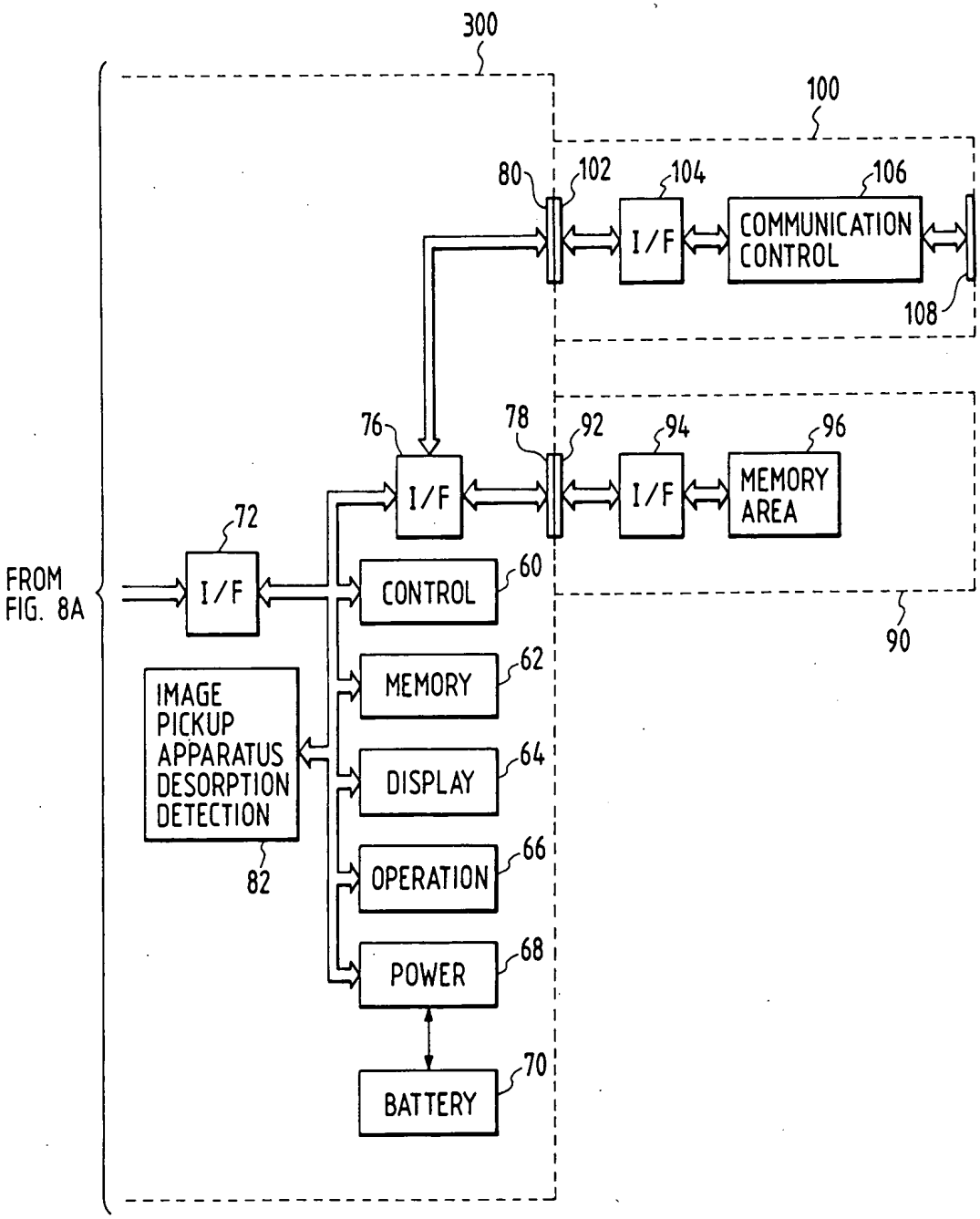

300
100
80
102
104
106
I/F
COMMUNICATION CONTROL
108
76
78
92
94
96
I/F
I/F
MEMORY AREA
72
FROM FIG. 8A
I/F
CONTROL
60
90
MEMORY
62
IMAGE PICKUP APPARATUS DESORPTION DETECTION
82
DISPLAY
64
OPERATION
66
POWER
68
BATTERY
70

FIG. 9

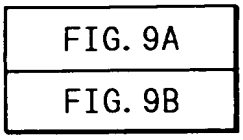


FIG. 9A
FIG. 9B

FIG. 9A

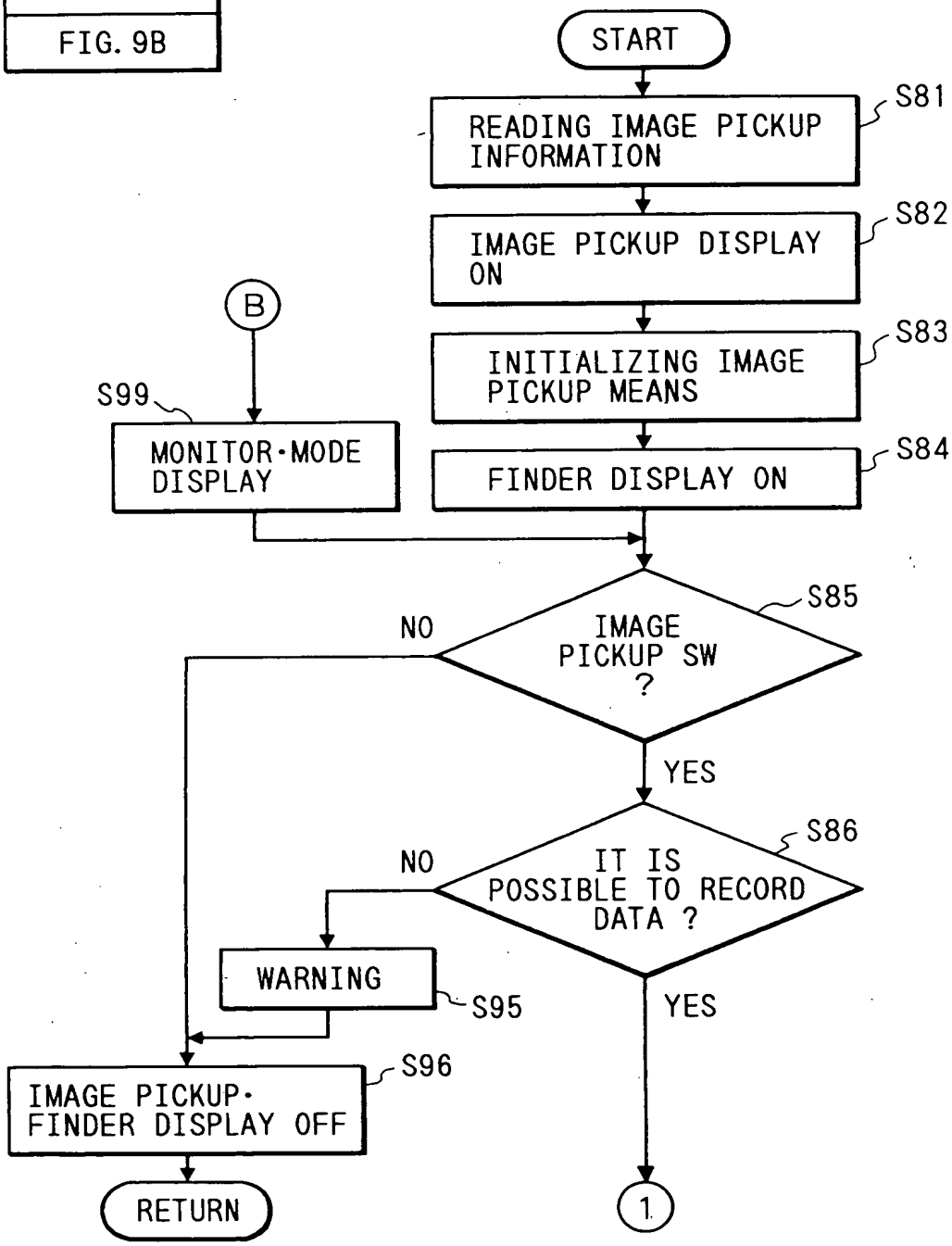

START
READING IMAGE PICKUP INFORMATION
S81
IMAGE PICKUP DISPLAY ON
S82
INITIALIZING IMAGE PICKUP MEANS
S83
FINDER DISPLAY ON
S84
B
S99
MONITOR·MODE DISPLAY
IMAGE PICKUP SW ?
S85
NO
YES
IT IS POSSIBLE TO RECORD DATA ?
S86
NO
YES
WARNING
S95
IMAGE PICKUP· FINDER DISPLAY OFF
S96
RETURN
1

FIG. 9B

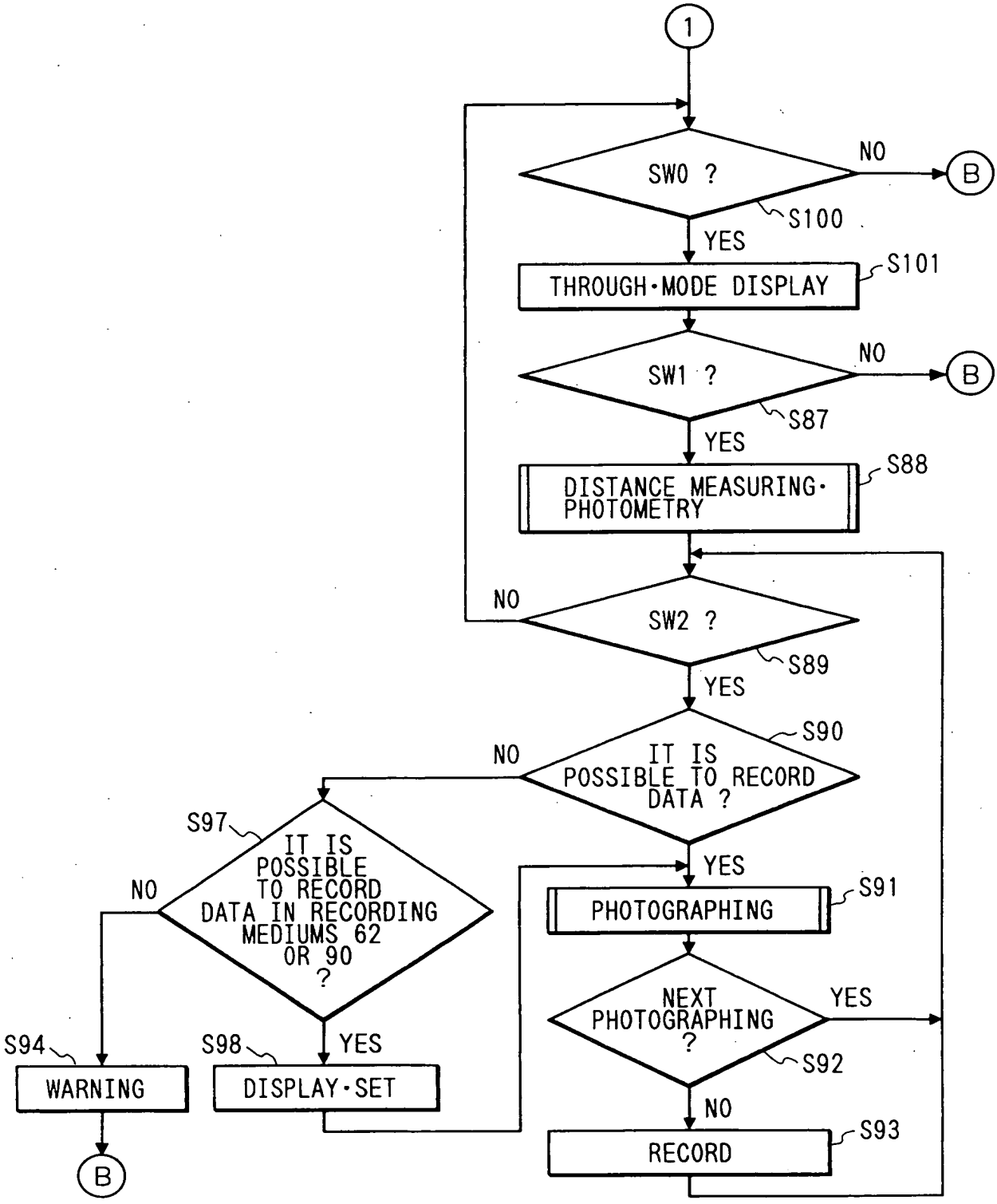

1
SW0 ?
NO
B
S100
YES
THROUGH·MODE DISPLAY
S101
SW1 ?
NO
B
S87
YES
DISTANCE MEASURING·
PHOTOMETRY
S88
NO
SW2 ?
S89
YES
S90
NO
IT IS
POSSIBLE TO RECORD
DATA ?
S97
IT IS
POSSIBLE
TO RECORD
DATA IN RECORDING
MEDIUMS 62
OR 90
?
NO
YES
PHOTOGRAPHING
S91
NEXT
PHOTOGRAPHING
?
YES
S92
NO
RECORD
S93
S94
WARNING
B
S98
YES
DISPLAY·SET

FIG. 10

FIG. 10A
FIG. 10B

FIG. 10A

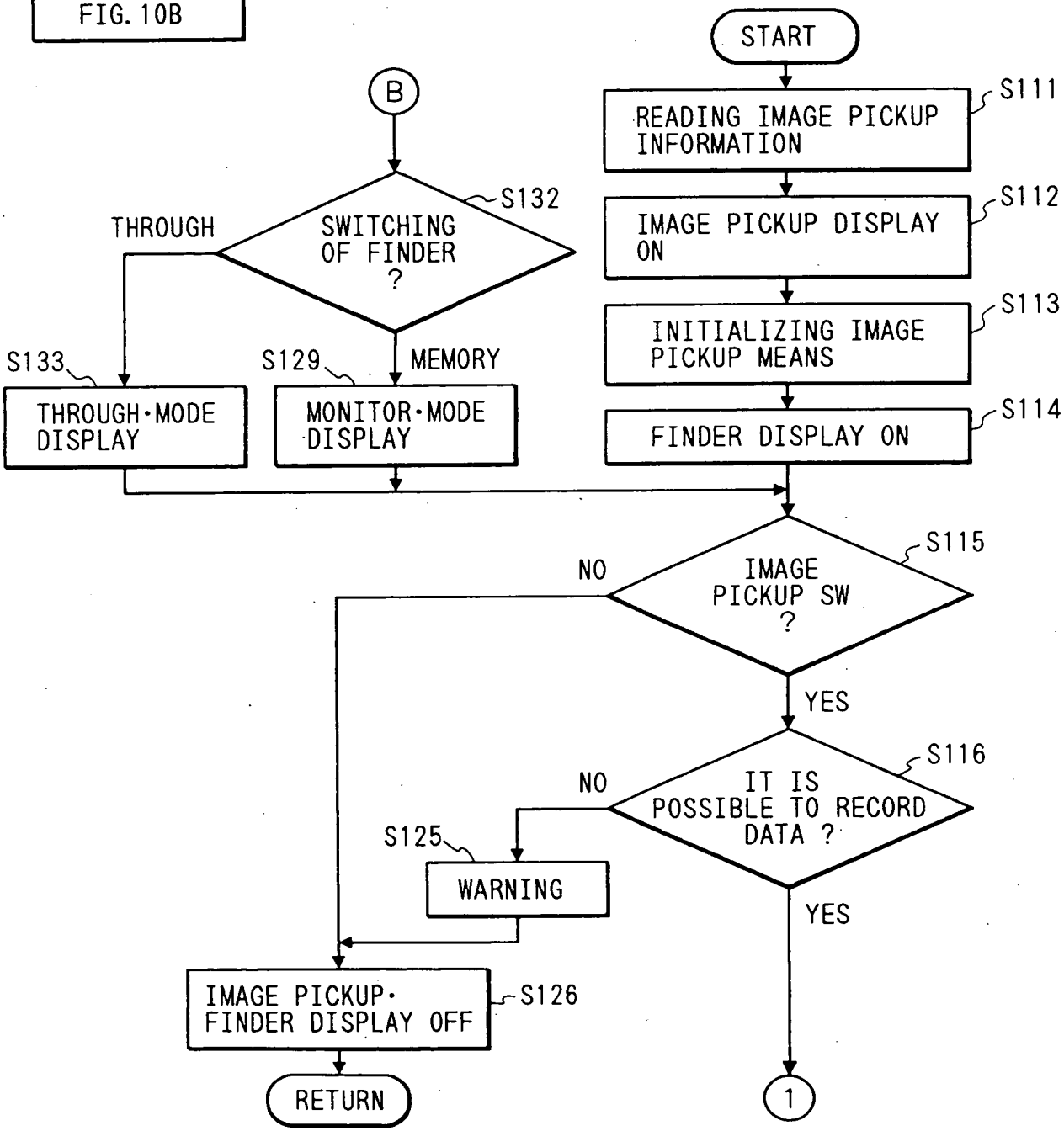


FIG. 10B

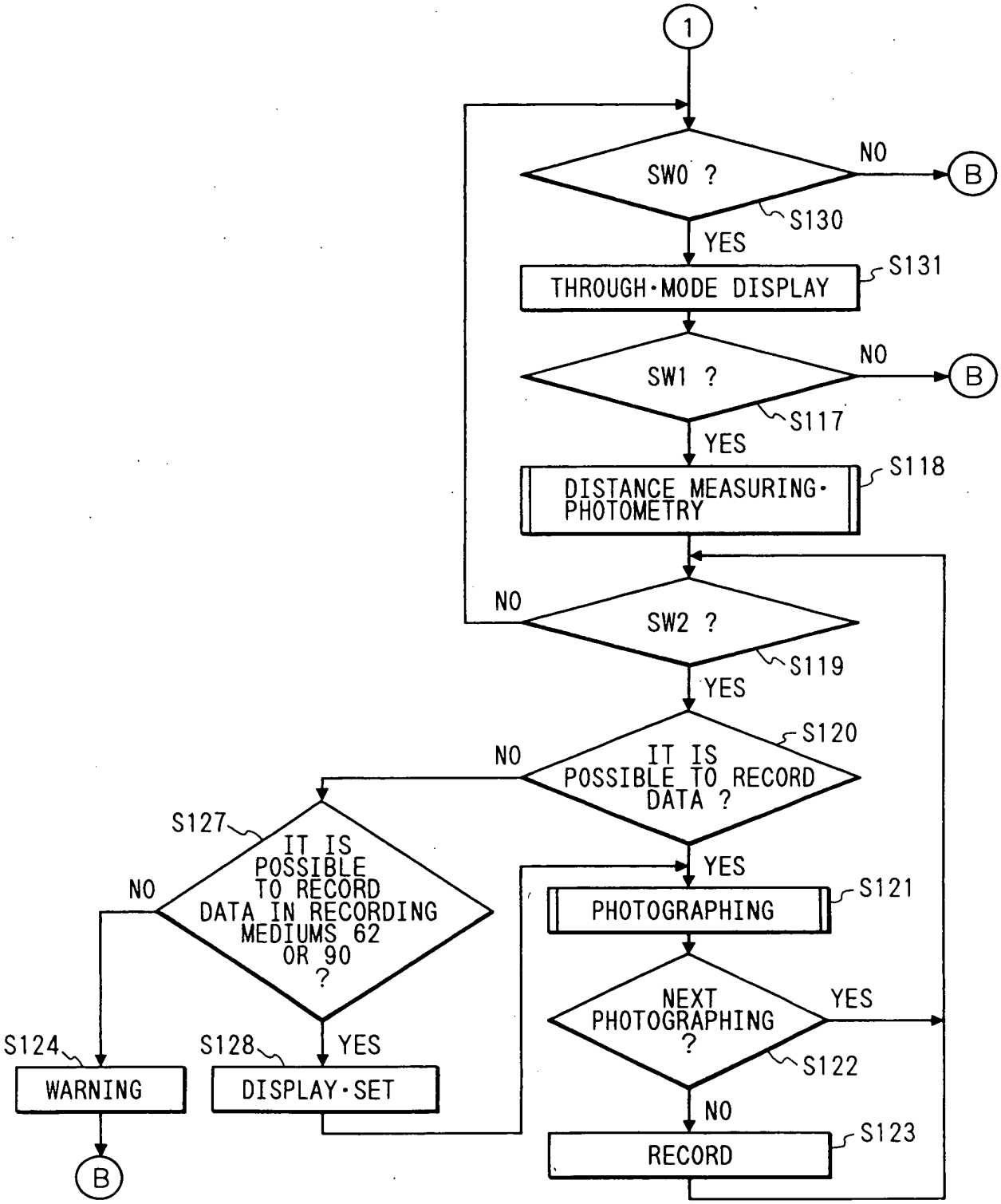

1
SW0 ?
NO
B
S130
YES
THROUGH·MODE DISPLAY
S131
SW1 ?
NO
B
S117
YES
DISTANCE MEASURING·PHOTOMETRY
S118
NO
SW2 ?
S119
YES
S120
NO
IT IS POSSIBLE TO RECORD DATA ?
S127
IT IS POSSIBLE TO RECORD DATA IN RECORDING MEDIUMS 62 OR 90 ?
NO
YES
S124
S128
YES
WARNING
DISPLAY·SET
B
PHOTOGRAPHING
S121
NEXT PHOTOGRAPHING ?
YES
S122
NO
RECORD
S123

FIG. 11 IP

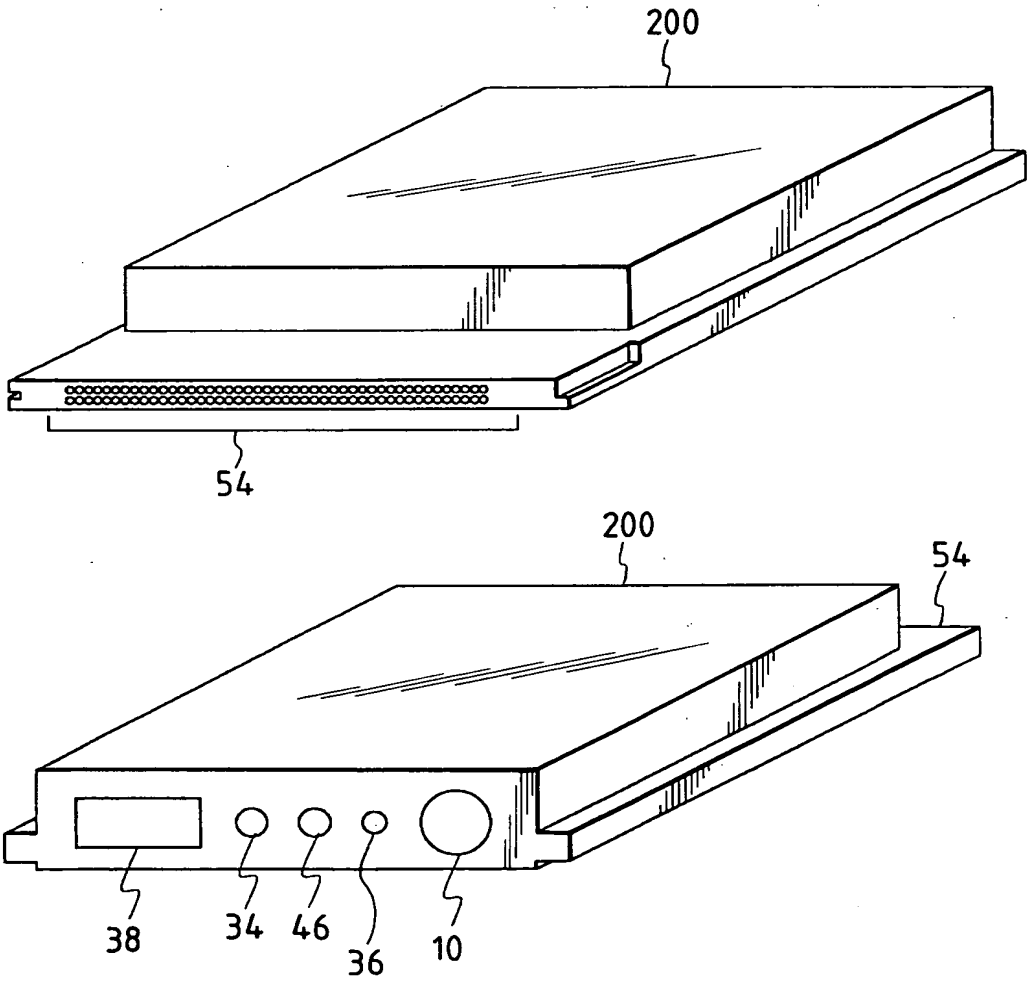
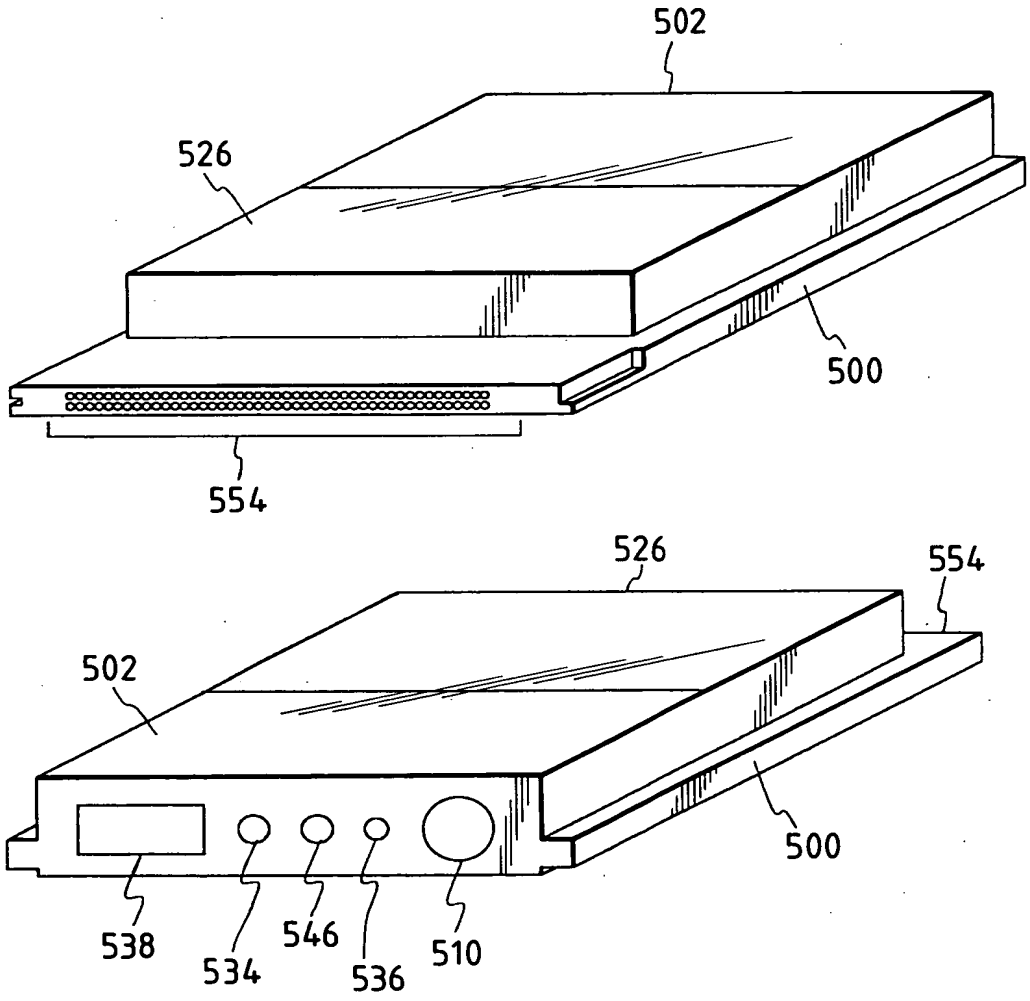


FIG. 12



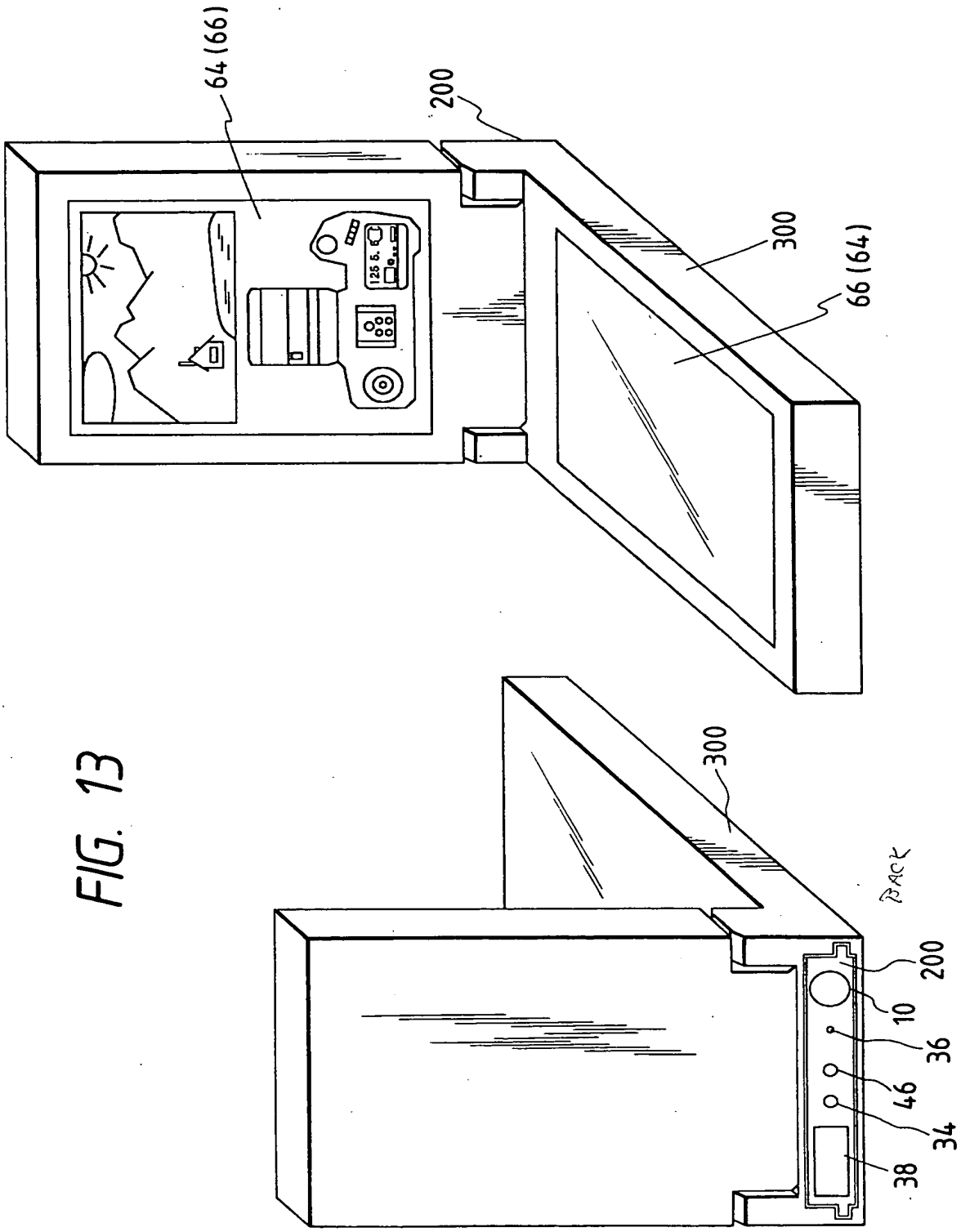


FIG. 13

FIG. 14

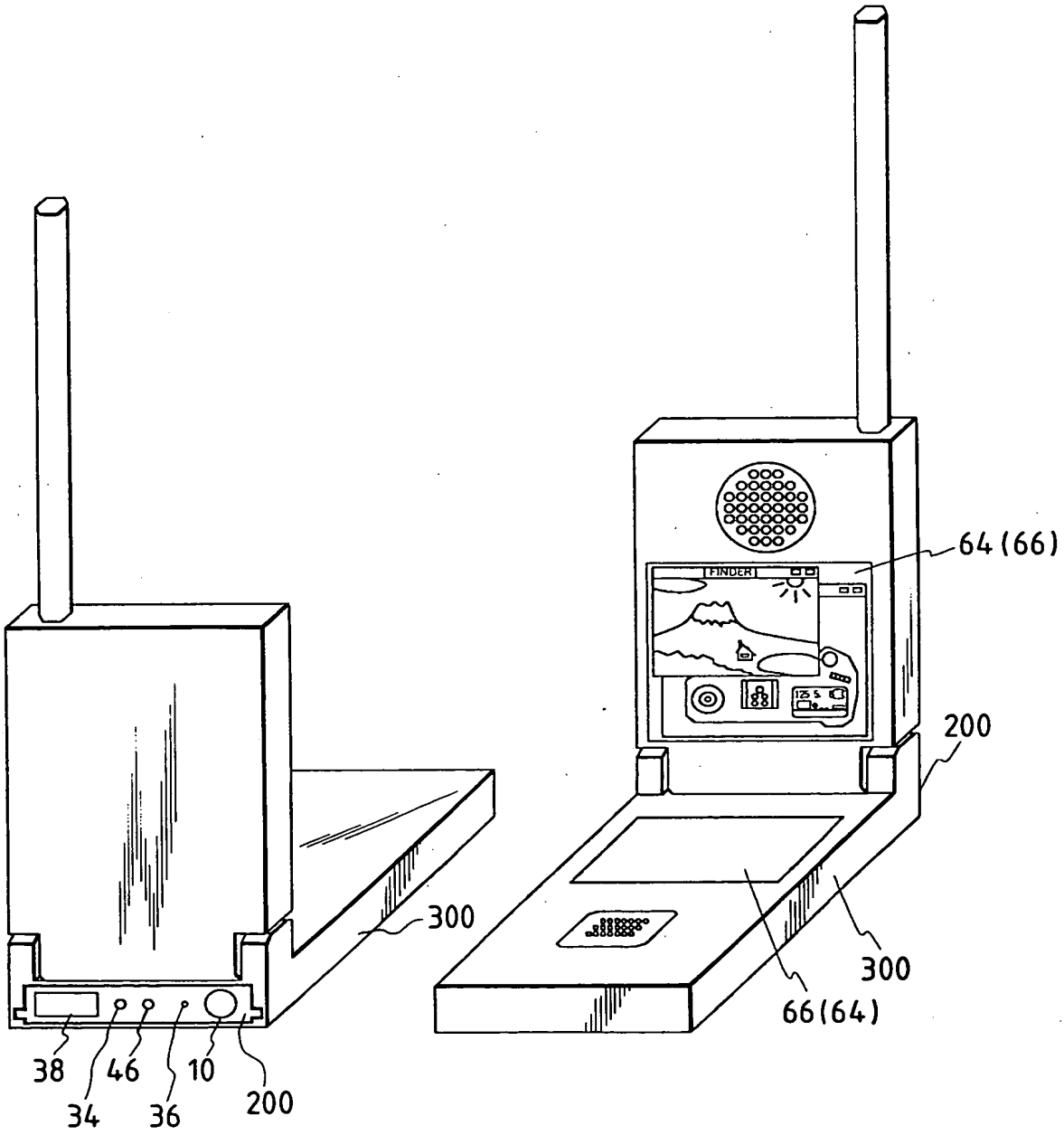


FIG. 15

FIG. 15A	FIG. 15B

FIG. 15A

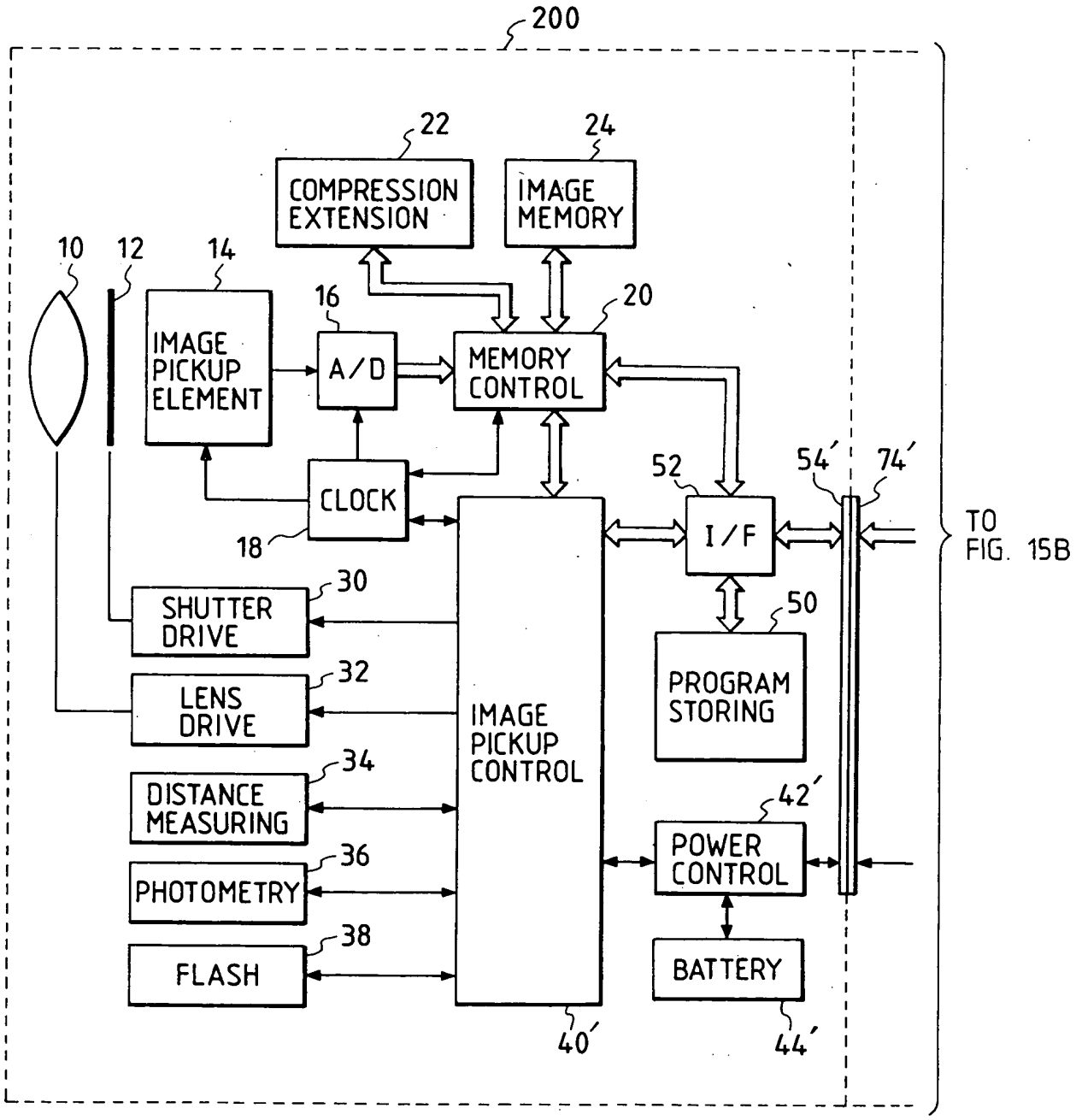


FIG. 15B

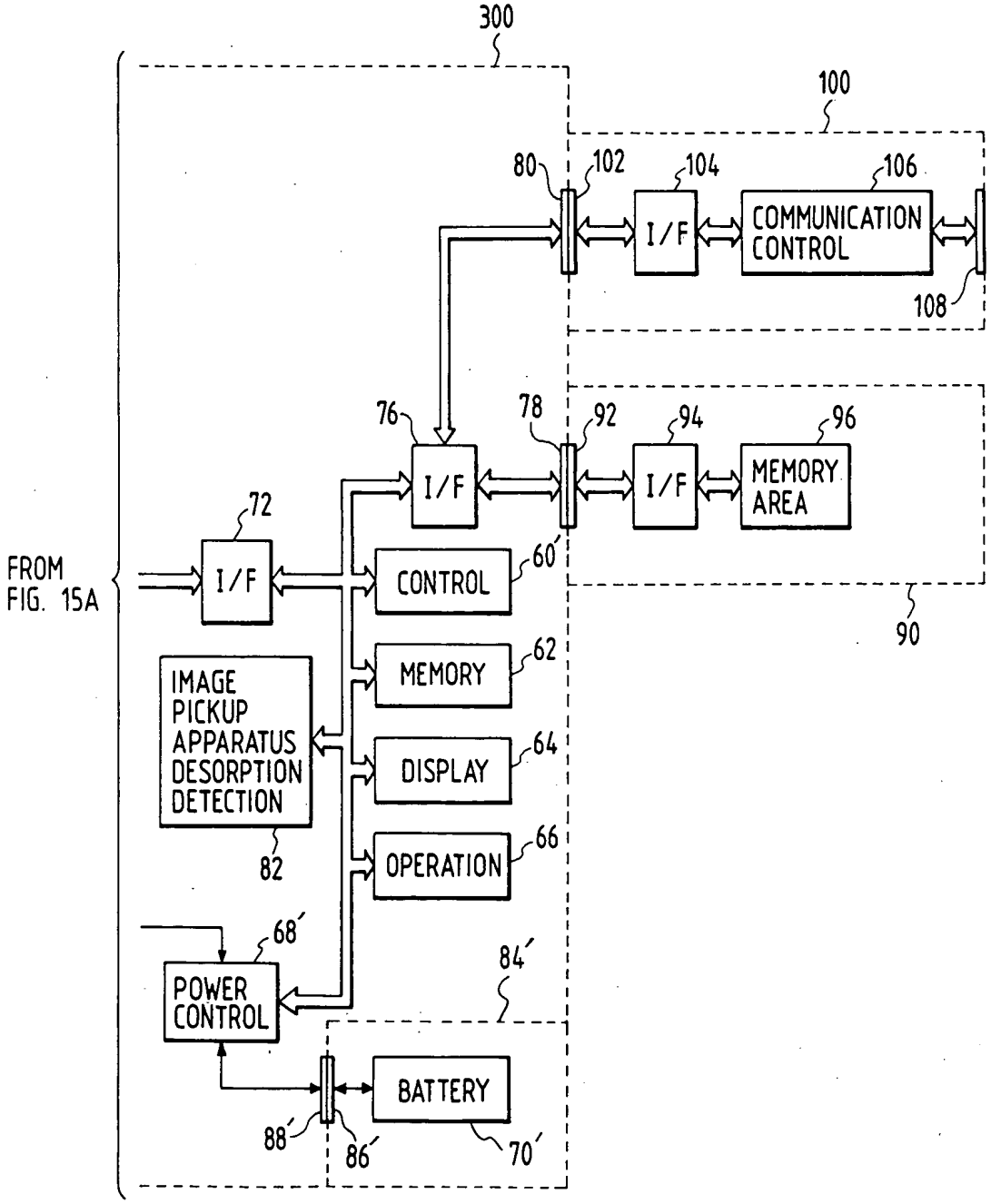

300
100
80
102
104
106
I/F
COMMUNICATION CONTROL
108
76
78
92
94
96
I/F
I/F
MEMORY AREA
72
FROM FIG. 15A
I/F
CONTROL
60'
90
MEMORY
62
IMAGE PICKUP APPARATUS DESORPTION DETECTION
DISPLAY
64
82
OPERATION
66
68'
84'
POWER CONTROL
BATTERY
88'
86'
70'

FIG. 16

FIG. 16A

FIG. 16A
FIG. 16B

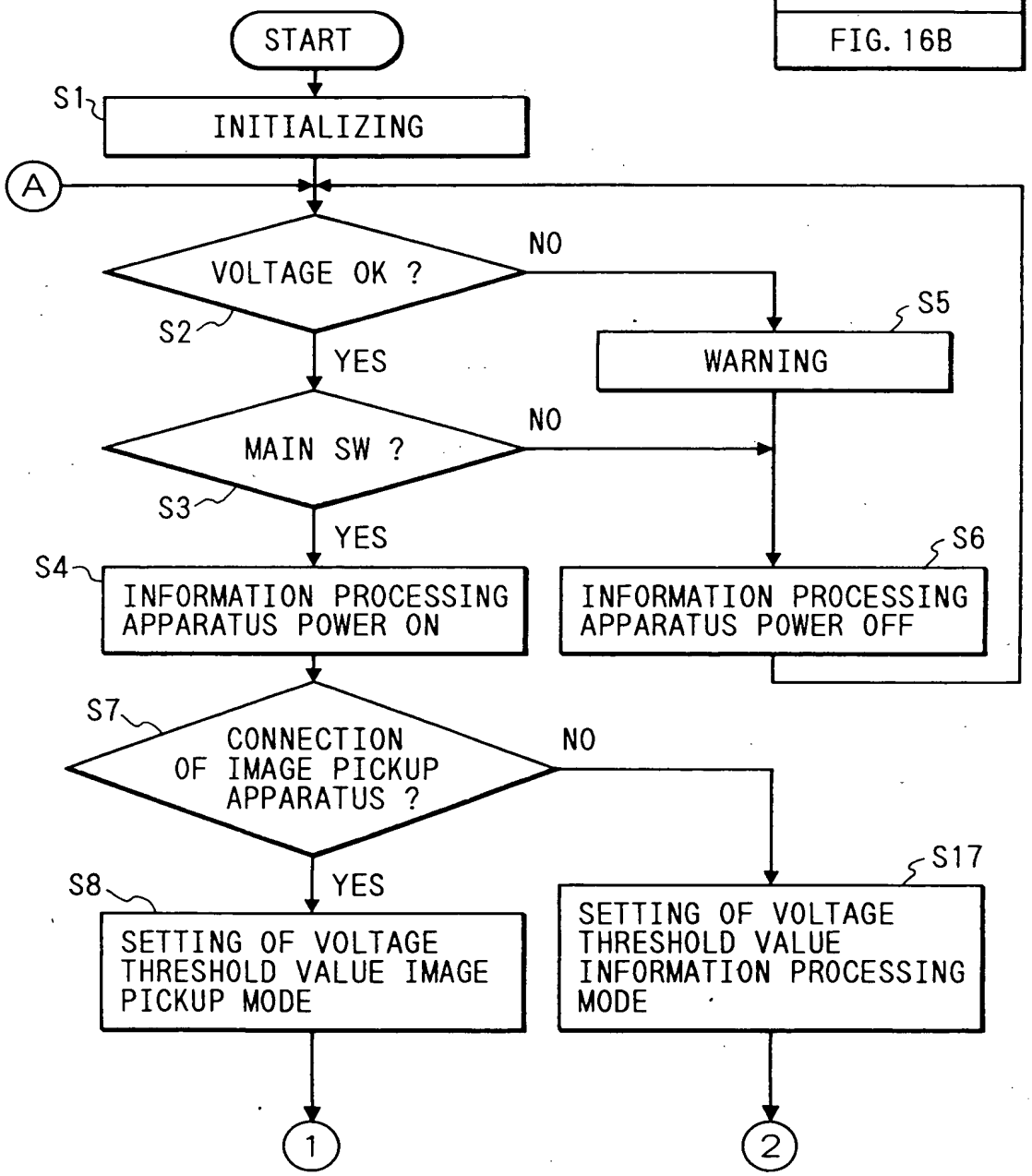


FIG. 16B

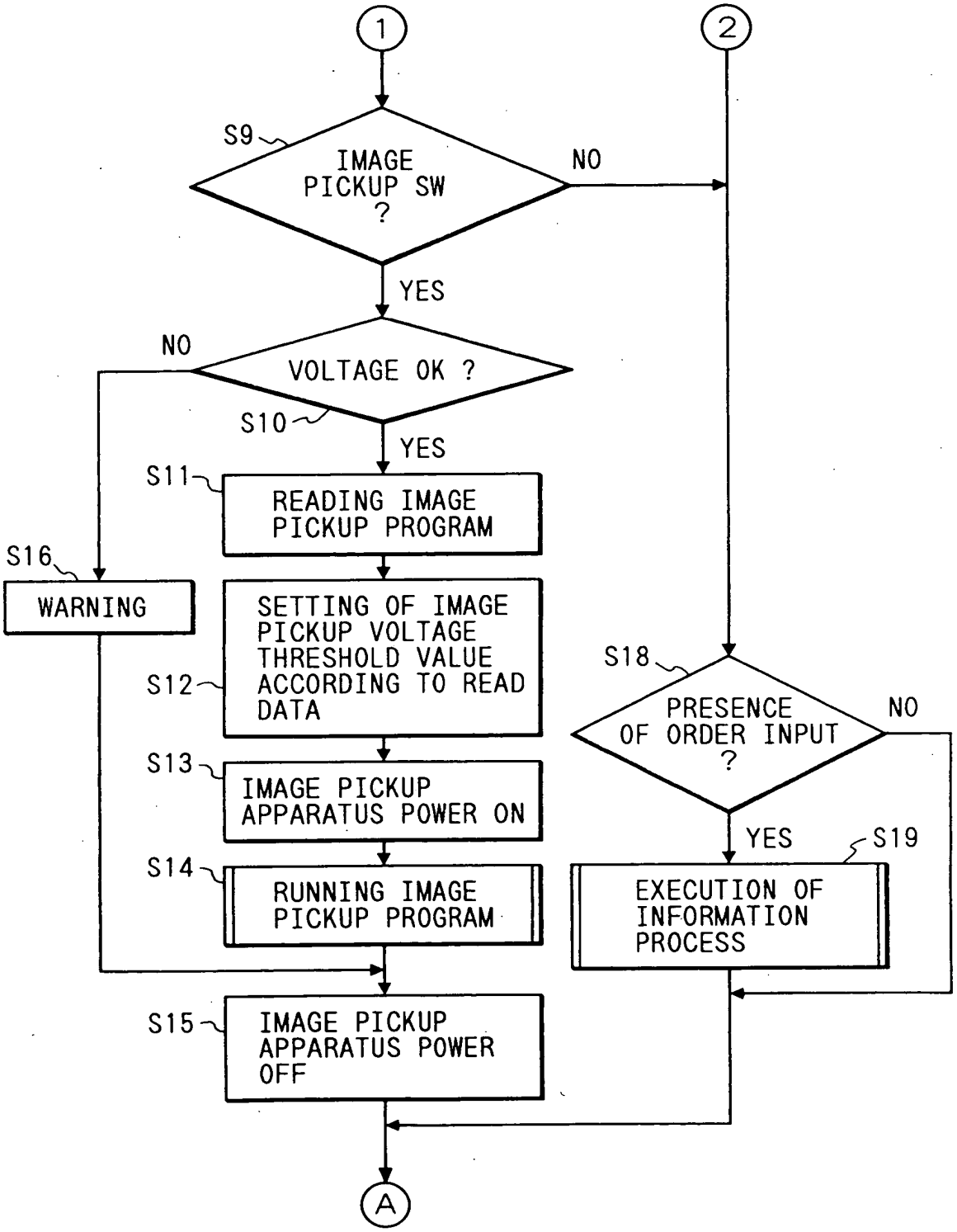

1
2
S9
IMAGE PICKUP SW ?
NO
YES
NO
VOLTAGE OK ?
S10
YES
S11
READING IMAGE PICKUP PROGRAM
S16
WARNING
SETTING OF IMAGE PICKUP VOLTAGE THRESHOLD VALUE ACCORDING TO READ DATA
S12
S13
IMAGE PICKUP APPARATUS POWER ON
S14
RUNNING IMAGE PICKUP PROGRAM
S15
IMAGE PICKUP APPARATUS POWER OFF
A
S18
PRESENCE OF ORDER INPUT ?
NO
YES
S19
EXECUTION OF INFORMATION PROCESS

FIG. 17A

FIG. 17

FIG. 17A
FIG. 17B

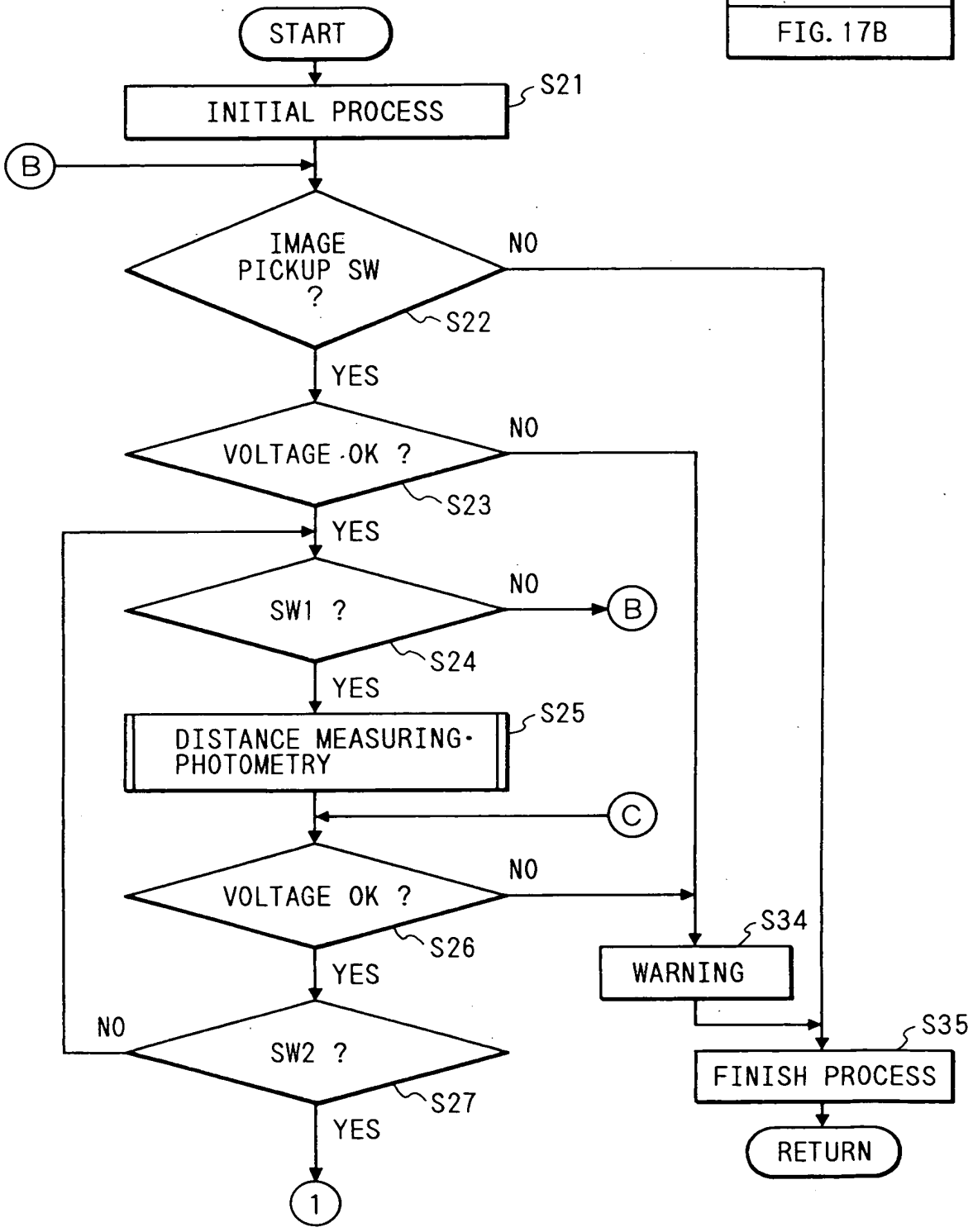


FIG. 17B

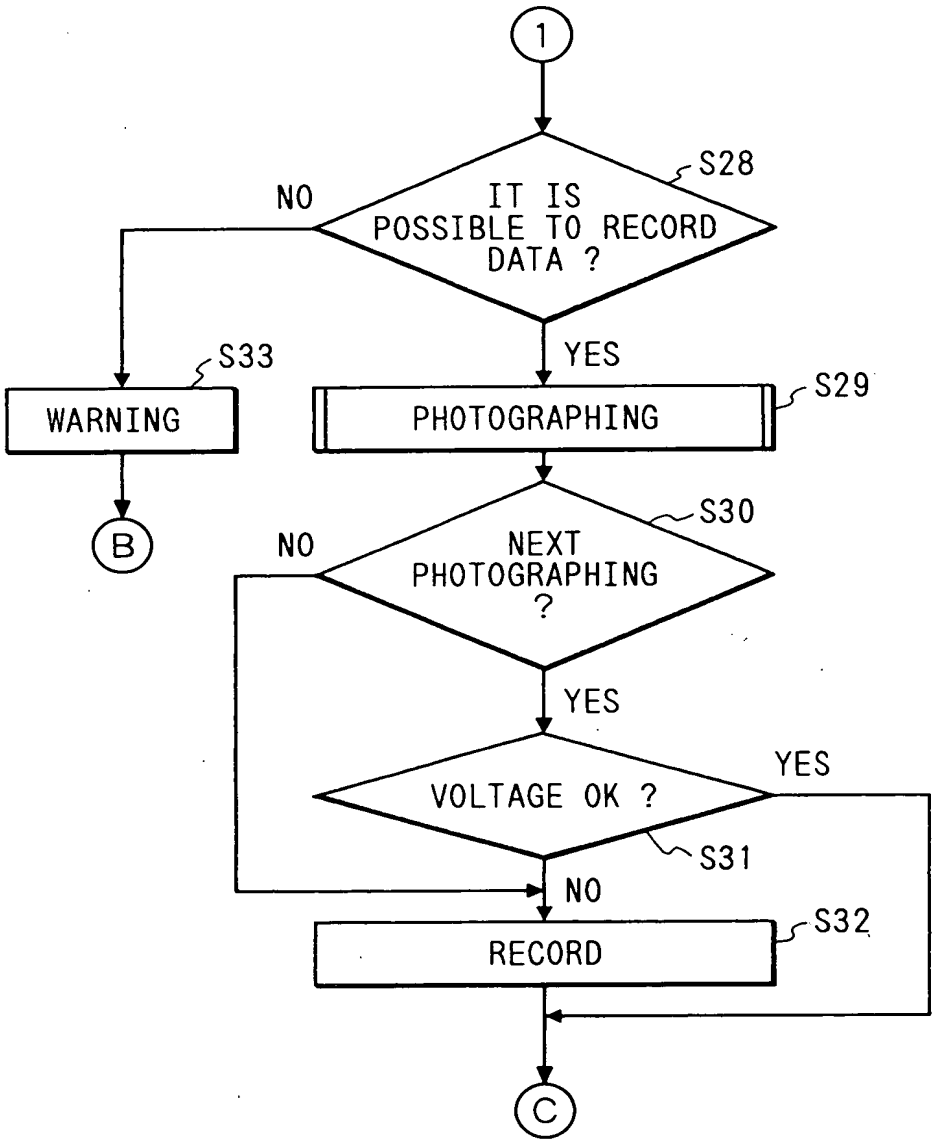

1
S28
IT IS POSSIBLE TO RECORD DATA ?
NO
YES
S33
WARNING
S29
PHOTOGRAPHING
B
S30
NEXT PHOTOGRAPHING ?
NO
YES
YES
VOLTAGE OK ?
S31
NO
S32
RECORD
C

FIG. 18

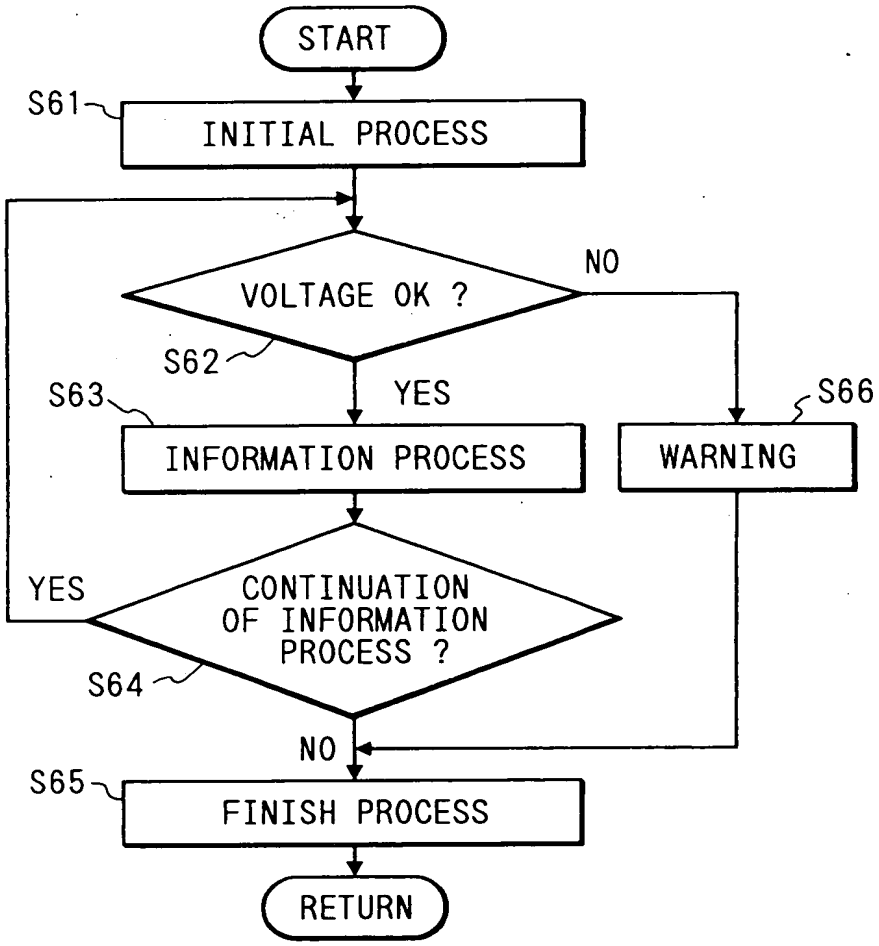

START
S61
INITIAL PROCESS
VOLTAGE OK ?
NO
S62
YES
S63
INFORMATION PROCESS
S66
WARNING
YES
CONTINUATION OF INFORMATION PROCESS ?
S64
NO
S65
FINISH PROCESS
RETURN

FIG. 19

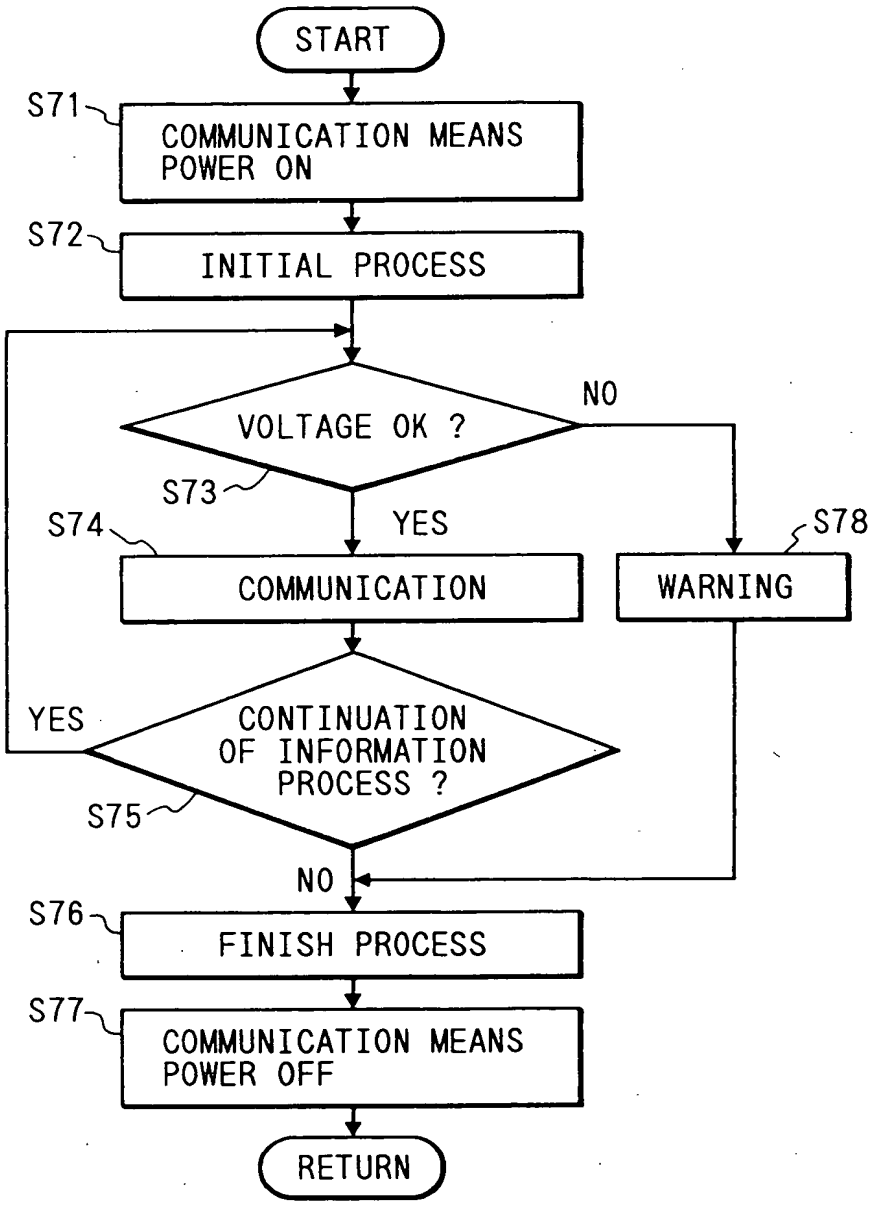

START
S71
COMMUNICATION MEANS POWER ON
S72
INITIAL PROCESS
VOLTAGE OK ?
NO
S73
YES
S74
COMMUNICATION
S78
WARNING
YES
CONTINUATION OF INFORMATION PROCESS ?
S75
NO
S76
FINISH PROCESS
S77
COMMUNICATION MEANS POWER OFF
RETURN

FIG. 20A

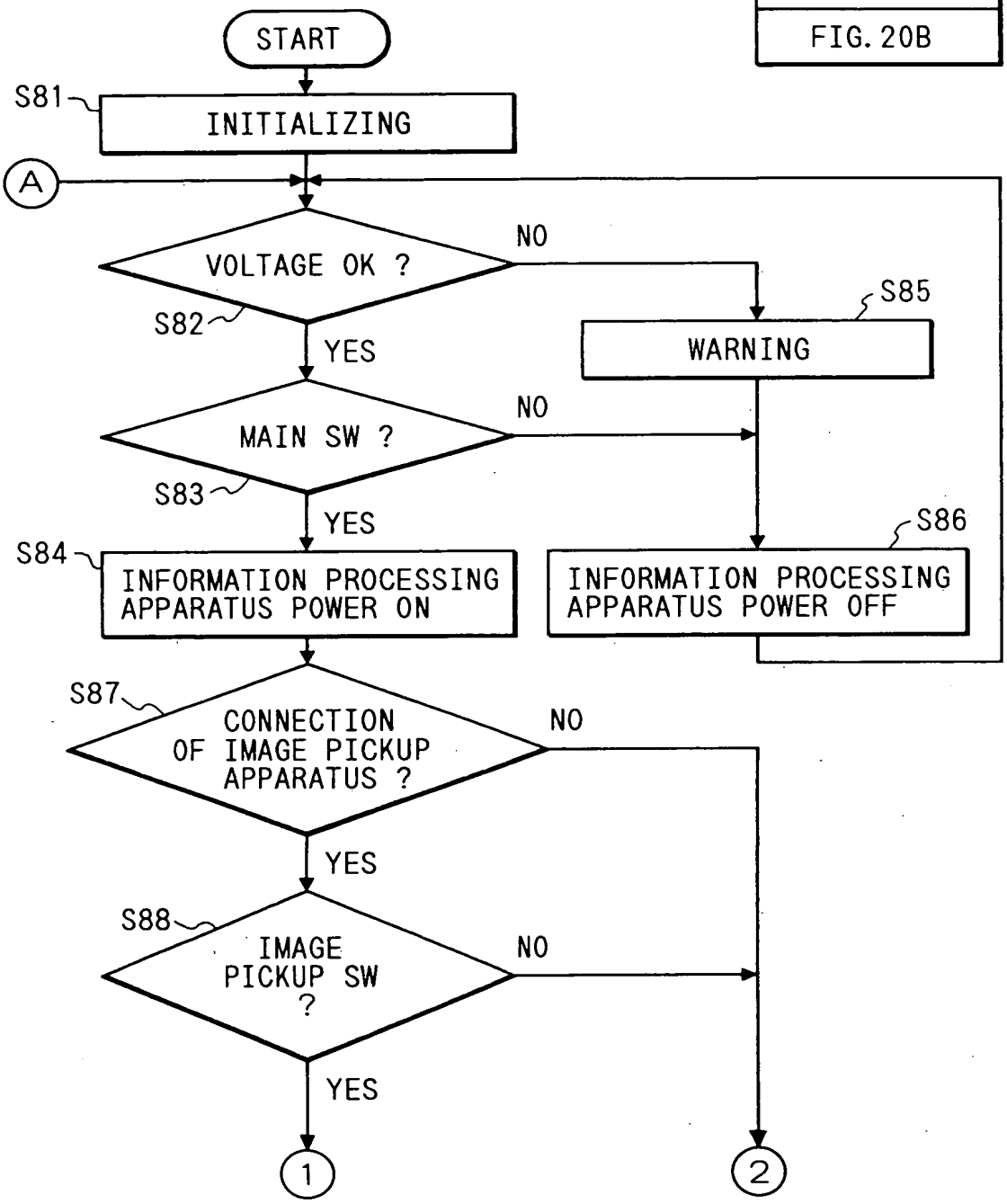


FIG. 20

FIG. 20A
FIG. 20B

FIG. 20B

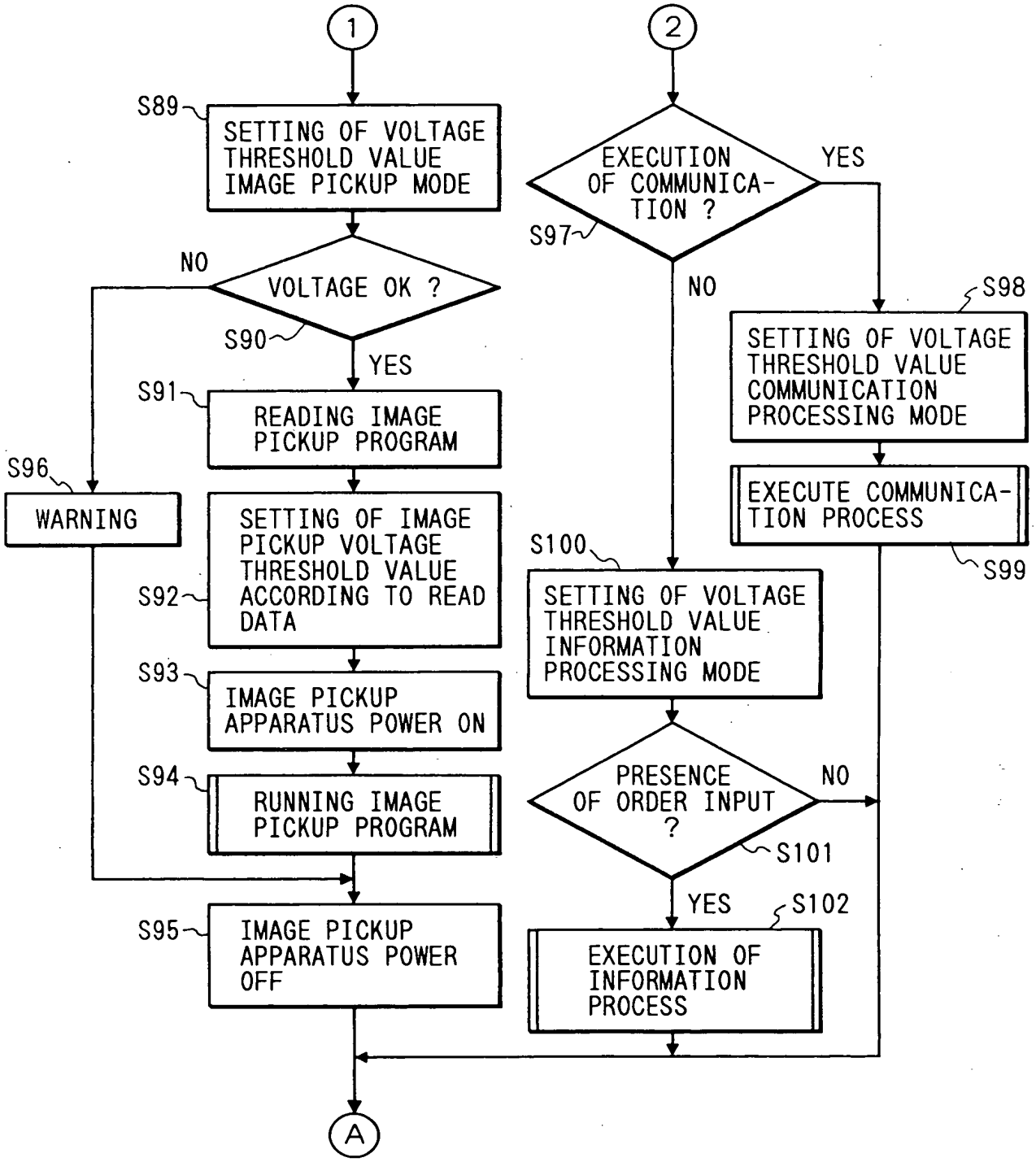

1
2
S89
SETTING OF VOLTAGE THRESHOLD VALUE IMAGE PICKUP MODE
NO
VOLTAGE OK ?
S90
YES
S91
READING IMAGE PICKUP PROGRAM
S96
WARNING
SETTING OF IMAGE PICKUP VOLTAGE THRESHOLD VALUE ACCORDING TO READ DATA
S92
S93
IMAGE PICKUP APPARATUS POWER ON
S94
RUNNING IMAGE PICKUP PROGRAM
S95
IMAGE PICKUP APPARATUS POWER OFF
A
EXECUTION OF COMMUNICA-TION ?
S97
YES
NO
S98
SETTING OF VOLTAGE THRESHOLD VALUE COMMUNICATION PROCESSING MODE
EXECUTE COMMUNICA-TION PROCESS
S99
S100
SETTING OF VOLTAGE THRESHOLD VALUE INFORMATION PROCESSING MODE
PRESENCE OF ORDER INPUT ?
NO
S101
YES
S102
EXECUTION OF INFORMATION PROCESS

FIG. 21

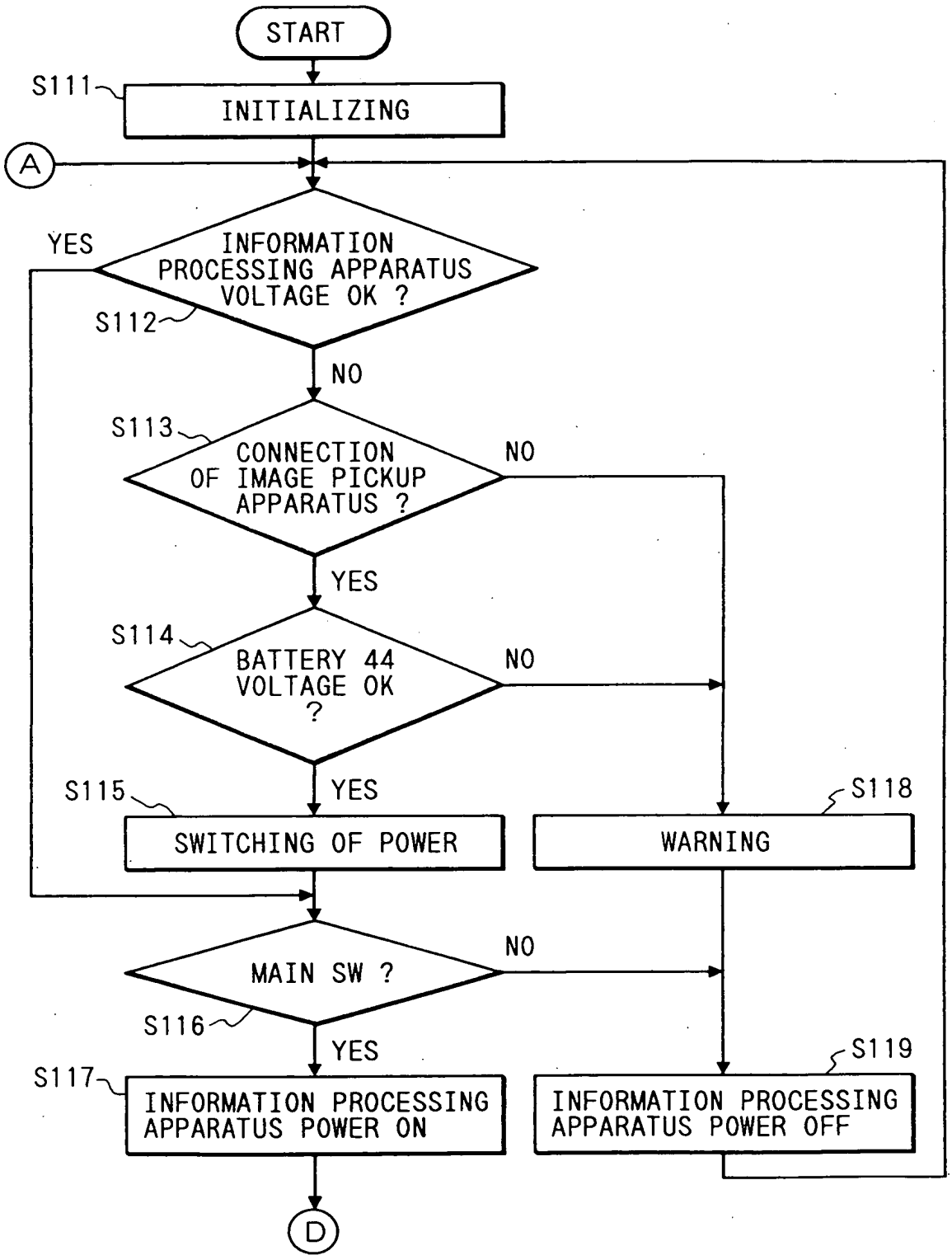

START
S111
INITIALIZING
A
YES
INFORMATION PROCESSING APPARATUS VOLTAGE OK ?
S112
NO
S113
CONNECTION OF IMAGE PICKUP APPARATUS ?
NO
YES
S114
BATTERY 44 VOLTAGE OK ?
NO
YES
S115
SWITCHING OF POWER
S118
WARNING
NO
MAIN SW ?
S116
YES
S117
INFORMATION PROCESSING APPARATUS POWER ON
S119
INFORMATION PROCESSING APPARATUS POWER OFF
D

FIG. 22

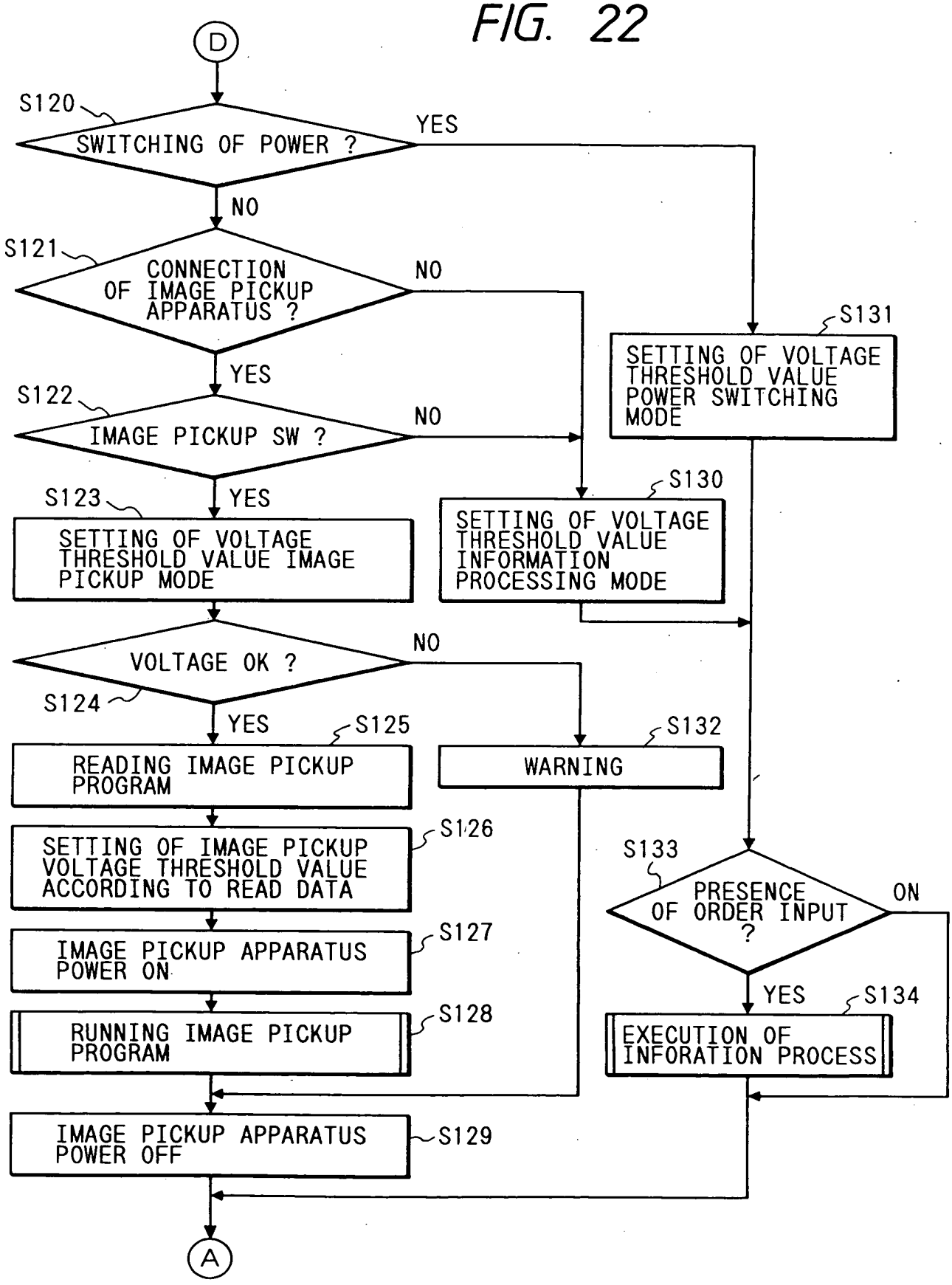

D
S120
SWITCHING OF POWER ?
YES
NO
S121
CONNECTION OF IMAGE PICKUP APPARATUS ?
NO
YES
S122
IMAGE PICKUP SW ?
NO
YES
S123
SETTING OF VOLTAGE THRESHOLD VALUE IMAGE PICKUP MODE
S130
SETTING OF VOLTAGE THRESHOLD VALUE INFORMATION PROCESSING MODE
S131
SETTING OF VOLTAGE THRESHOLD VALUE POWER SWITCHING MODE
VOLTAGE OK ?
NO
S124
YES
S125
READING IMAGE PICKUP PROGRAM
S132
WARNING
S126
SETTING OF IMAGE PICKUP VOLTAGE THRESHOLD VALUE ACCORDING TO READ DATA
S127
IMAGE PICKUP APPARATUS POWER ON
S128
RUNNING IMAGE PICKUP PROGRAM
S133
PRESENCE OF ORDER INPUT ?
ON
YES
S134
EXECUTION OF INFORATION PROCESS
S129
IMAGE PICKUP APPARATUS POWER OFF
A

FIG. 23

FIG. 23A AE

FIG. 23A	FIG. 23B

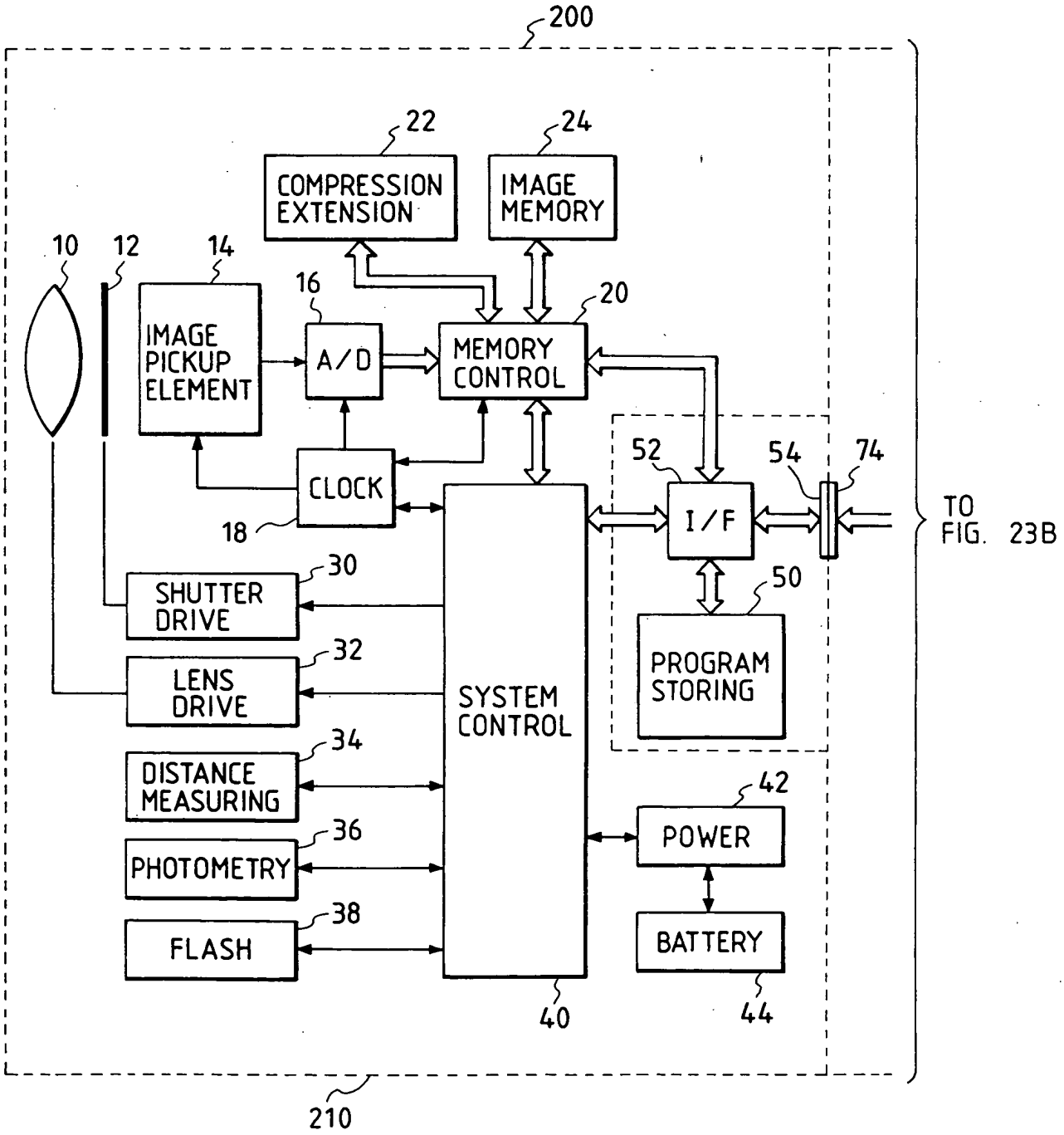


FIG. 23B

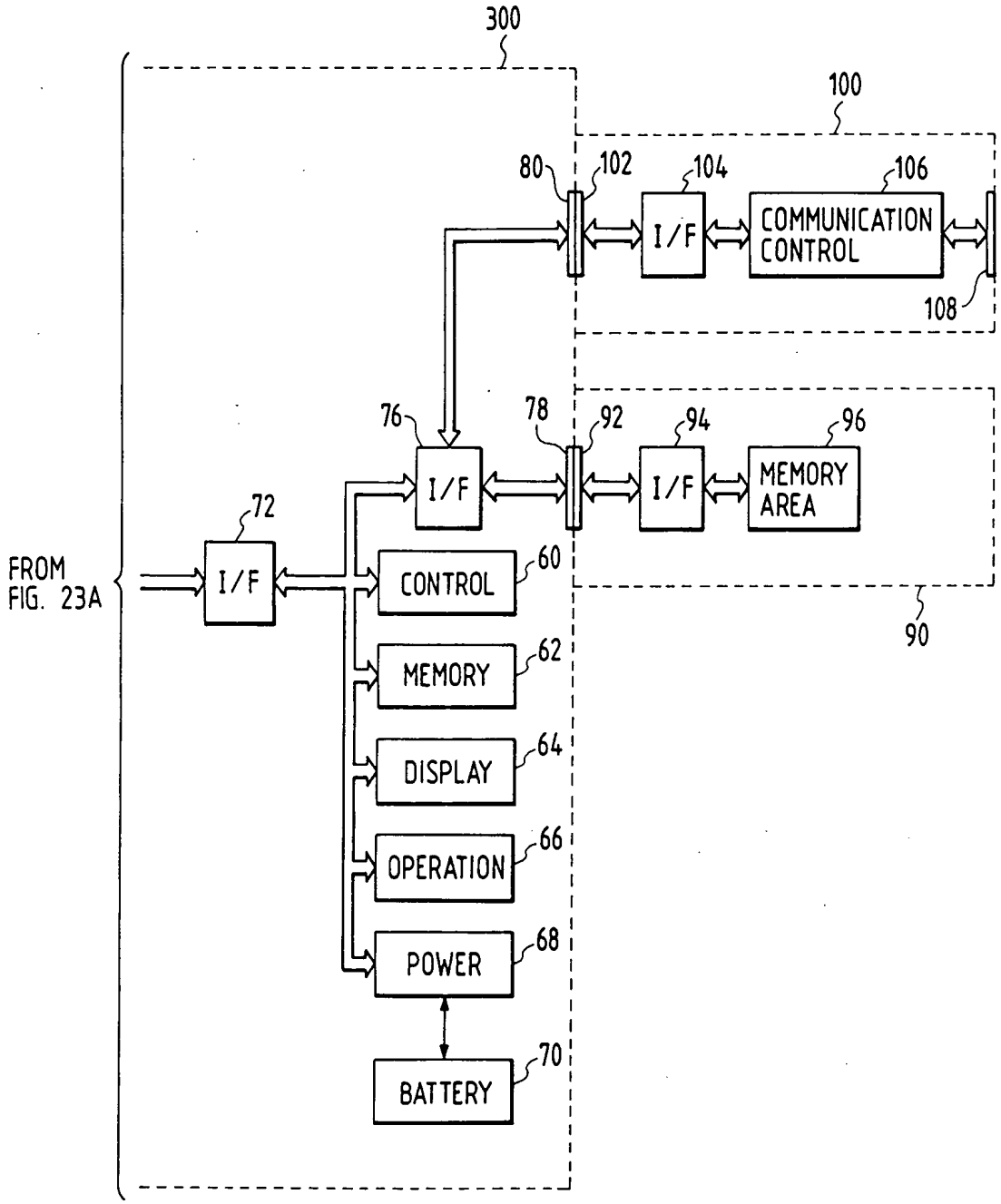

300
100
80
102
104
106
I/F
COMMUNICATION CONTROL
108
76
78
92
94
96
I/F
I/F
MEMORY AREA
72
FROM FIG. 23A
I/F
CONTROL
60
MEMORY
62
DISPLAY
64
OPERATION
66
POWER
68
BATTERY
70
90

FIG. 24

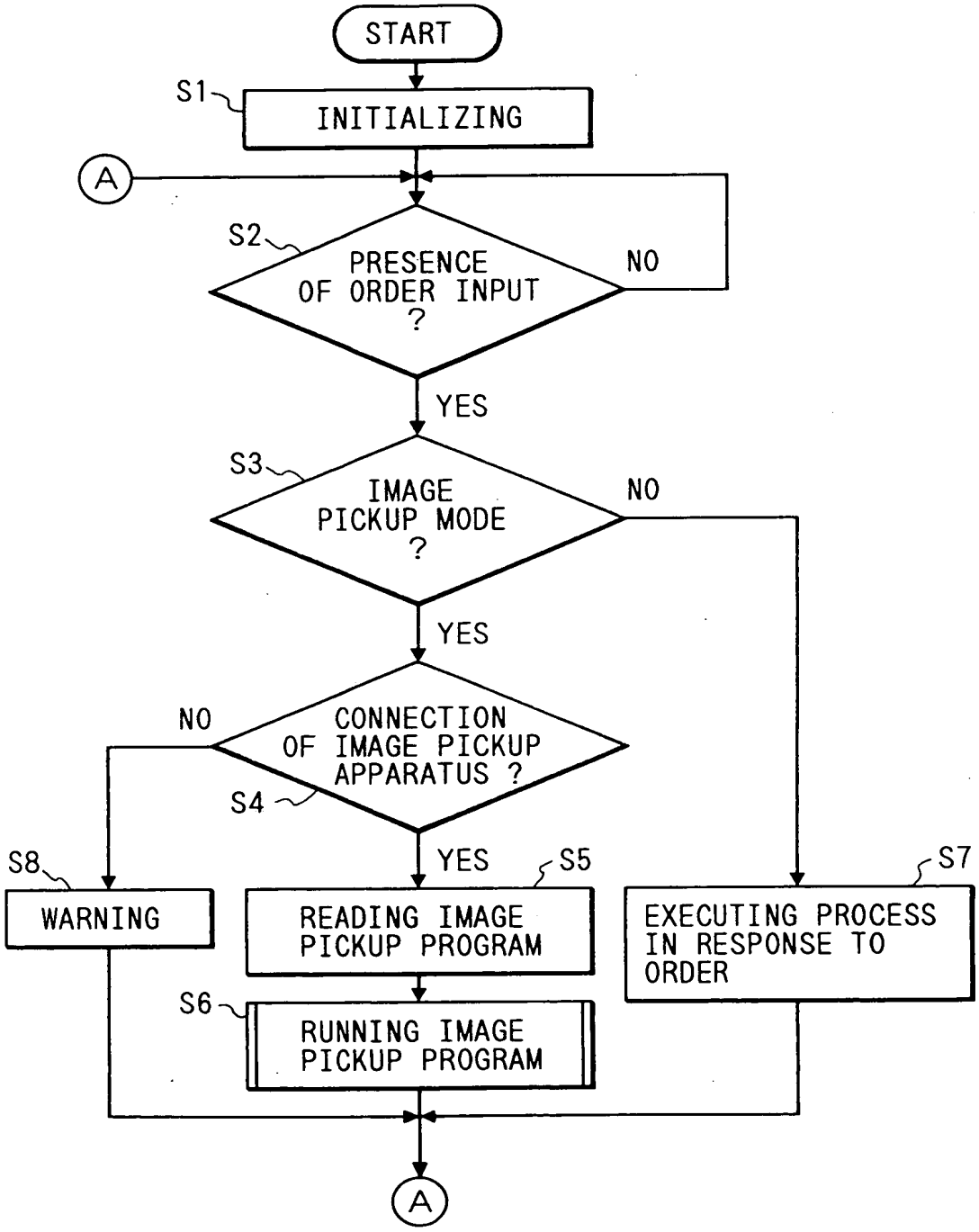

START
S1
INITIALIZING
A
S2
PRESENCE OF ORDER INPUT ?
NO
YES
S3
IMAGE PICKUP MODE ?
NO
YES
NO
CONNECTION OF IMAGE PICKUP APPARATUS ?
S4
YES
S8
S5
S7
WARNING
READING IMAGE PICKUP PROGRAM
EXECUTING PROCESS IN RESPONSE TO ORDER
S6
RUNNING IMAGE PICKUP PROGRAM
A

FIG. 25

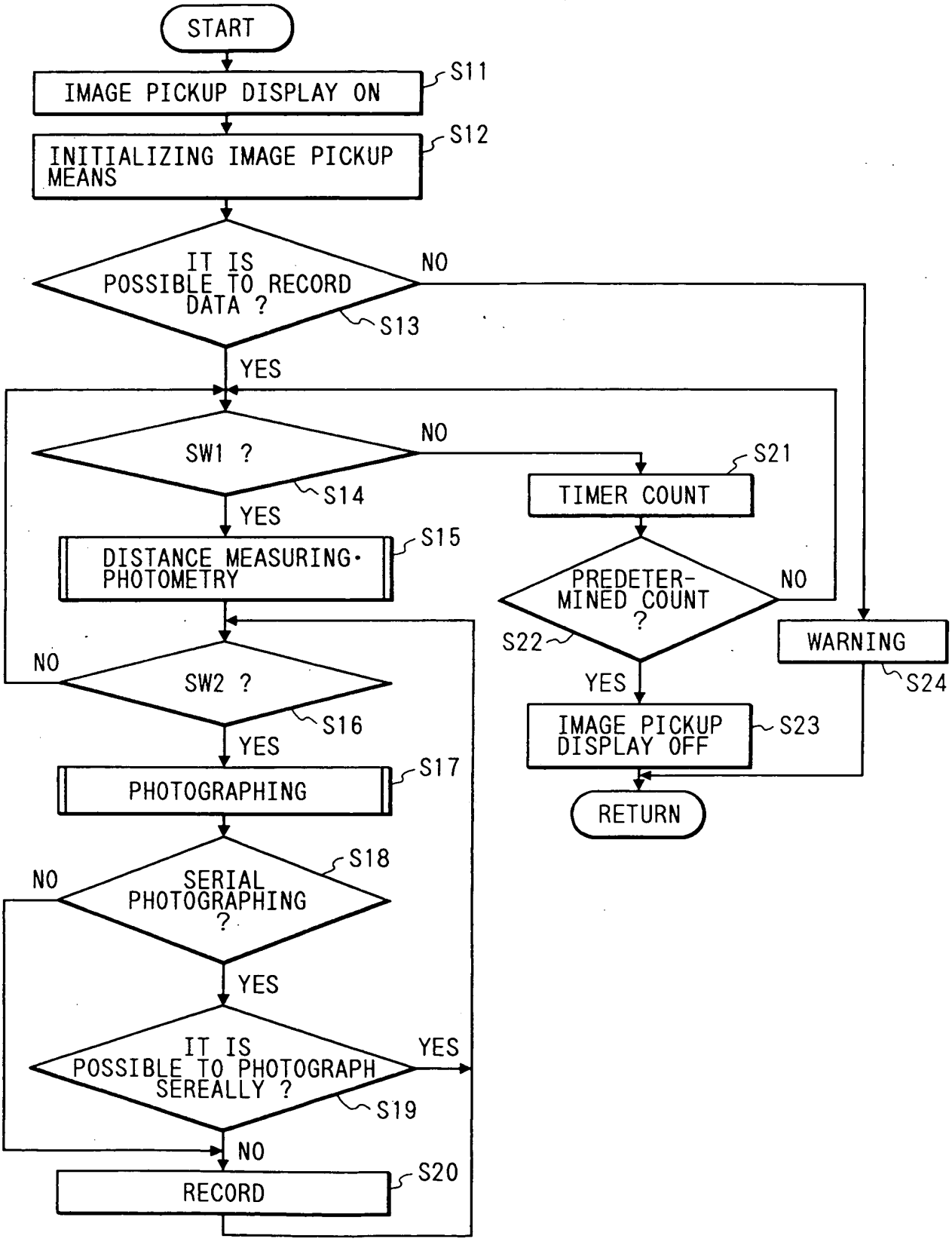

START
IMAGE PICKUP DISPLAY ON
S11
INITIALIZING IMAGE PICKUP MEANS
S12
IT IS POSSIBLE TO RECORD DATA ?
S13
NO
YES
SW1 ?
S14
NO
YES
DISTANCE MEASURING· PHOTOMETRY
S15
SW2 ?
S16
NO
YES
PHOTOGRAPHING
S17
SERIAL PHOTOGRAPHING ?
S18
NO
YES
IT IS POSSIBLE TO PHOTOGRAPH SEREALLY ?
S19
YES
NO
RECORD
S20
TIMER COUNT
S21
PREDETER-MINED COUNT ?
S22
NO
YES
IMAGE PICKUP DISPLAY OFF
S23
WARNING
S24
RETURN

FIG. 26

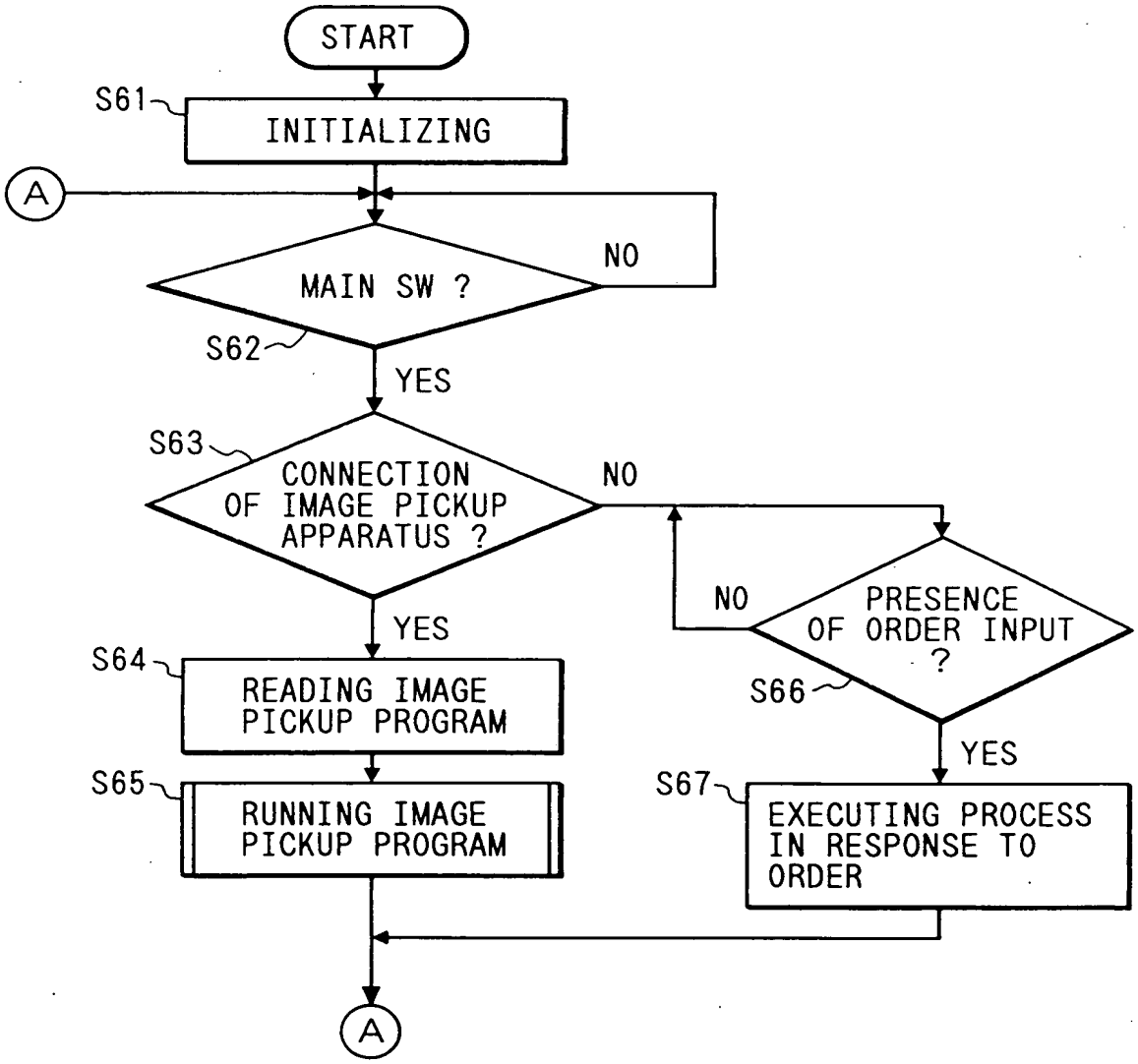
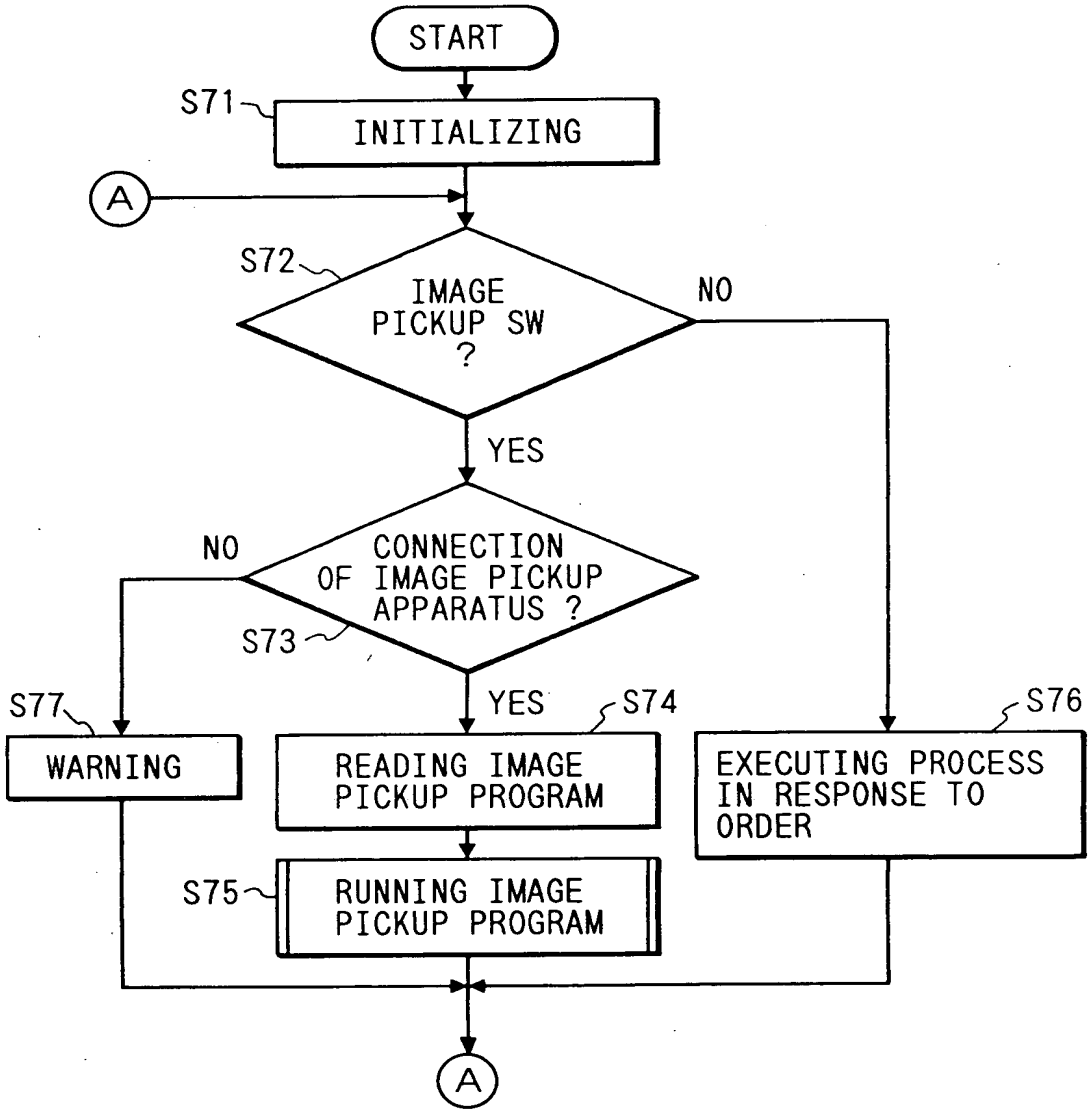

START
S61
INITIALIZING
A
MAIN SW ?
NO
S62
YES
S63
CONNECTION OF IMAGE PICKUP APPARATUS ?
NO
YES
NO
PRESENCE OF ORDER INPUT ?
S66
YES
S64
READING IMAGE PICKUP PROGRAM
S65
RUNNING IMAGE PICKUP PROGRAM
S67
EXECUTING PROCESS IN RESPONSE TO ORDER
A

FIG. 27


START
S71
INITIALIZING
A
S72
IMAGE PICKUP SW ?
NO
YES
NO
CONNECTION OF IMAGE PICKUP APPARATUS ?
S73
YES
S74
S76
S77
WARNING
READING IMAGE PICKUP PROGRAM
EXECUTING PROCESS IN RESPONSE TO ORDER
S75
RUNNING IMAGE PICKUP PROGRAM
A